



岭 南



广州岭南电缆股份有限公司  
GUANGZHOU LINGNAN CABLE CO.,LTD

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致 力 于 电 缆 的 系 统 解 决 方 案



创 造 生 活      传 递 光 明



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# INTRODUCTION OF THE COMPANY 企业简介

## 岭南电缆 · 追求完美，创造卓越

公司创建于1995年，2011年整体改制为股份公司，有近20年专业研发、生产和销售电缆的经验。岭南电缆广泛应用于电力系统、重点工程、轨道交通、居民用电等领域。

公司占地20多万平方米，拥有两大生产基地，厂房面积11多万平方米，年产值达25亿元。关键生产设备引进了芬兰MAILLEFER 500kV VCV立式交联生产线，配置了在线应力松弛系统、SIKORA在线测偏仪、绝缘杂质在线检测系统、导体预热器、100级净化加料系统、PSU工艺支持系统及NCC工艺设计系统等国际先进的工艺技术，并引进了世界先进的美国HIPOTRONICS高压及局放测试系统。

公司主营产品有500kV及以下交联电缆、塑力缆、控制电缆以及环保型防蚁电缆、无卤低烟阻燃电缆、分布式光纤测温电缆、光电复合智能电缆、抗水树电缆等特种电缆。110kV电缆于1999年成功挂网运行；220kV电缆为国内第一批通过预鉴定试验；35kV及以下电线电缆通过了生产许可证和CCC产品认证。公司可按照客户定制要求及GB、IEC、BS等相关标准进行设计和生产，可为用户提供电缆系统的解决方案。

公司通过了ISO9001、ISO14001和OHSAS18001管理体系认证，建立了ERP和OA管理系统。是南方电网优秀供应商、98年抗灾抢险先进单位、2010年亚运会和2011年世界大运会保供电优秀单位、省高新技术企业、省名牌产品、省著名商标、省4A标准化良好行为企业、省级计量单位、省清洁生产企业、广州市创新型企业、连续17年被评为“重合同守信用单位”。

公司建立了被认定的省级企业技术中心和省工程中心，自主研发新产品新技术近30项，发明专利2项，实用新型专利近40项，多次参与省科技项目研发及国家标准制定。与华南理工大学建立了长期“产学研合作”，与陶氏化学（中国）有限公司建立了长期、全面的合作伙伴关系，与南方电监局组建了“高压电力电缆培训基地”，是华南理工大学“学生创新实践与就业实训基地”。

公司凭借优质的产品和服务，赢得了广大客户的良好口碑，成为了南方电网和国家电网的优秀合作伙伴。重点工程案例有：广州新白云国际机场、广州亚运城、广州琶洲会展中心、广州地铁、深圳地铁、成都地铁、天津奥体中心、博鳌论坛会议中心、深圳大运会中心和广州起算中心等。

公司坚持“品牌战略、科学管理”的路线，凭借自身优势，发展高端电缆产品。稳健运用新技术、新材料、新设备、新工艺，不断提升产品性能与质量，以更好满足用户需求。

## Lingnan cable · pursuit of perfection, and create excellence

Founded in 1995, the 2011 overall conversion into shares of the company, has nearly 20 years of professional experience in development, production and sale of cable. Lingnan cable widely used systems, focusing on engineering, rail transportation, home and other areas of civilian power.

The company occupies more than 200,000 square meters, has two production bases, plant area of over 11 square meters, the annual output value of 2.5 billion yuan. The key production equipment imported to Finland MAILLEFER 500kV VCV vertical cross-linked production line, equipped with online stress relaxation system, SIKORA online derivometer, insulation impurity line detection system, the conductor preheater, 100 purification feeding system, PSU process support systems and NCC process design system and other international advanced technology and the introduction of the world's advanced U.S. HIPOTRONICS hypertension and PD test systems.

The company's main products are 500kV and below XLPE cables, plastic power cables, control cables and environmentally friendly termite cable, halogen-free flame retardant cable, fiber optic distributed temperature cable, optical smart composite cables, cables and other water-resistant trees special cables. 110kV cables hanging in 1999 successfully run; 220kV cables for domestic first batch through the pre-qualification test; 35kV and below through the wire and cable production license and CCC certification, Companies can be designed and manufactured in accordance with customer requirements and GB, IEC, BS, and other related standards, can provide users with cable system solutions.

The company passed the ISO9001, ISO14001 and OHSAS18001 management system certification, the establishment of ERP and OA management system. China southern Power Grid is the excellent supplier of advanced disaster rescue unit 98, 2010 Asian Games and the 2011 World Universiade guaranteed power supply units outstanding, the provincial high-tech enterprises, the provincial brand, famous, good standardization 4A provincial enterprises, the provincial units of measurement, the provincial clean production enterprises, innovative enterprises in Guangzhou City, 17 consecutive years was named "the contract and keeping promises."

The company has been recognized by the establishment of a provincial enterprise technology center and provincial engineering centers, independent research and development of new products and new technology nearly 30, two invention patents, utility model patents, nearly 40, has participated in the provincial science and technology research and development projects and national standards. South China University of Technology to establish a long-term "Cooperative", and Dow Chemical (China) Co., Ltd. To establish a long-term and comprehensive partnership with Southern Electricity Regulatory Authority set up a "high-voltage power cables training base", the South China Institute of Technology University Students' Innovative Practice and employment practice base. "

With high-quality products and services, has won a good reputation of our customers, has become an excellent partner China Southern Power Grid and the National Grid. Project focus: Guangzhou New Baiyun International Airport, Guangzhou Asian Games City, Guangzhou Pazhou Exhibition Center, Guangzhou Metro, Shenzhen Metro, Chengdu Metro, Tianjin Olympic Sports Center, the Boao Forum conference center, Guangzhou, Shenzhen Universiade Center and the Supercomputer Center.

Companies adhere to the "brand strategy, scientific management" line, with their own advantages, the development of high-end cable products. Robust use of new technologies, new materials, new equipment, new technology, improve product performance and quality, in order to better meet customer needs.

## 企业文化

# CORPORATE CULTURE

### 公司经营目标： Our Goal:

做强做大，做国内一流超高压电缆龙头企业

To be the leading enterprise of super HV cable manufacturing in China with continuous growth

### 公司经营方针： Our Strategy:

安全、优质、高效、低耗

Safety, Quality, Efficiency, and Low Energy-Consumption

### 公司经营理念： Our Philosophy:

创新为魂、人才为本、专业技术、诚信服务

Innovation and talent orientation with professional technology and trustworthy services.

### 公司质量方针： Our Concept on Quality:

关注顾客、细节管理、完美执行、创新改进

Customer-orientation, Detail Management, Perfect Implementation, and Continuous Innovation.

### 公司文化理念： Corporate Culture:

敬业、务实、拼搏、创新

Professionalism, Practical-thinking, All-strength, and Innovation.



●新办公楼



●公司接待大厅



●番禺模核镇新生产基地



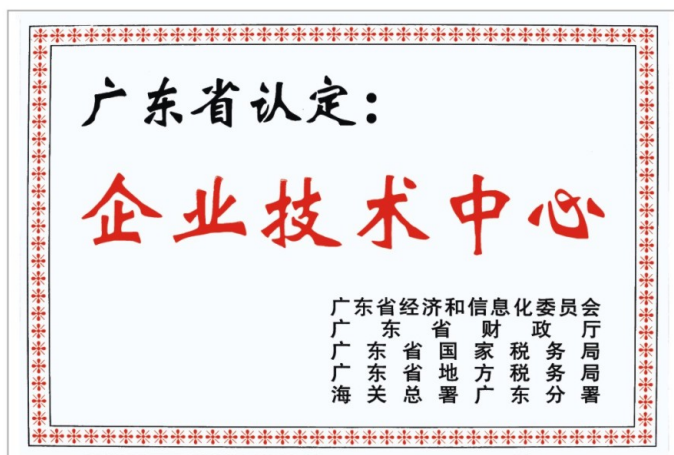


致力于电缆的系统解决方案  
DEDICATED WIRE & CABLE SOLUTIONS

# 资质荣誉 & AWARDS QUALIFICATIONS



◎高新技术企业证书



◎广东省省级企业技术中心

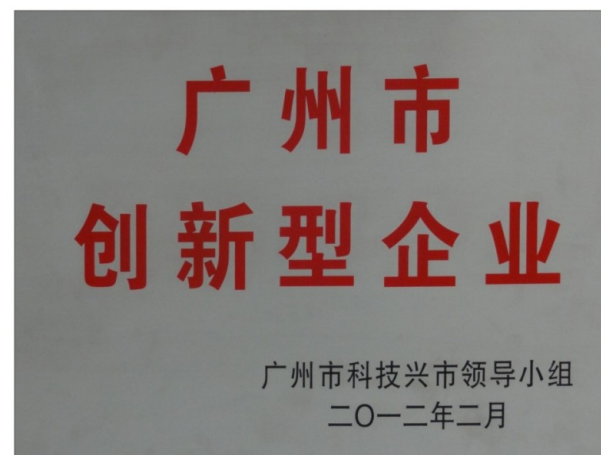


◎广东省名牌产品

◎广东省著名商标证书



◎广东省工程技术研究中心



◎广州市创新型企业



◎2007年度优秀供应商



◎守合同重信用企业荣誉证书



◎连续多年纳税超万元奖



◎2009年广州供电局授予"突出贡献供应商"锦旗





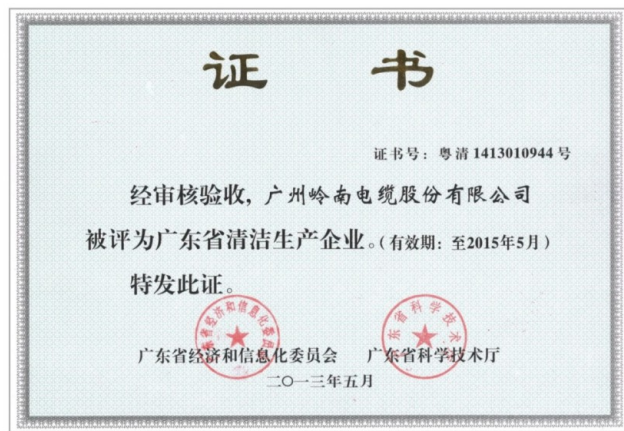
致力于电缆的系统解决方案  
DEDICATED WIRE & CABLE SOLUTIONS

# QUALIFICATIONS & AWARDS

## 资质荣誉



◎广东省重点扶持企业



◎广东省清洁生产企业



◎广东省采用国际标准产品认可证书（1kV和3kV）



◎广东省采用国际标准产品认可证书（110kV）



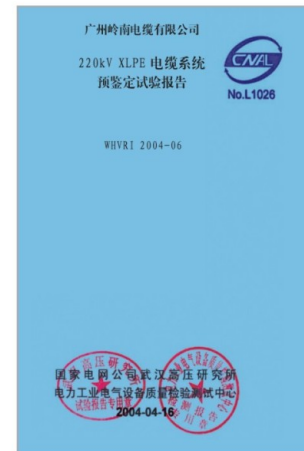
◎广东省采用国际标准产品认可证书（220kV）



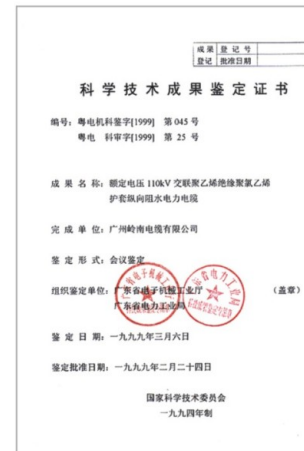
◎发明专利证书（浸泡式电缆拉丝液水池）



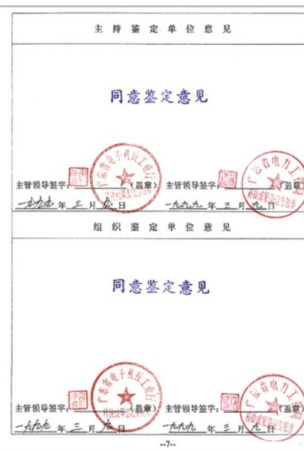
◎发明专利证书（一种阻水高压电缆及其制作方式）



◎预鉴定试验报告



◎110kV交联电缆通过两部鉴定报告



◎标准化良好行为证书（AAAA）



◎全国工业产品生产许可证



◎环境管理体系认证证书



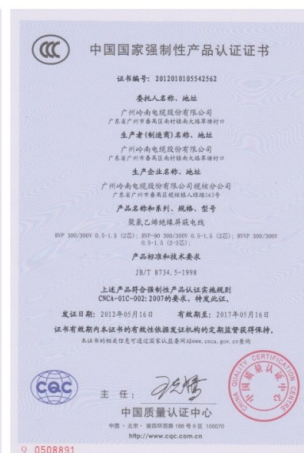
◎职业健康安全管理体系认证证书



◎聚氯乙烯绝缘乙炔护套电缆



◎聚氯乙烯绝缘软电缆线



◎聚氯乙烯绝缘屏蔽电缆



◎质量管理体系认证证书





# 人才 TALENT

## 21世纪科技飞跃的核心动力！

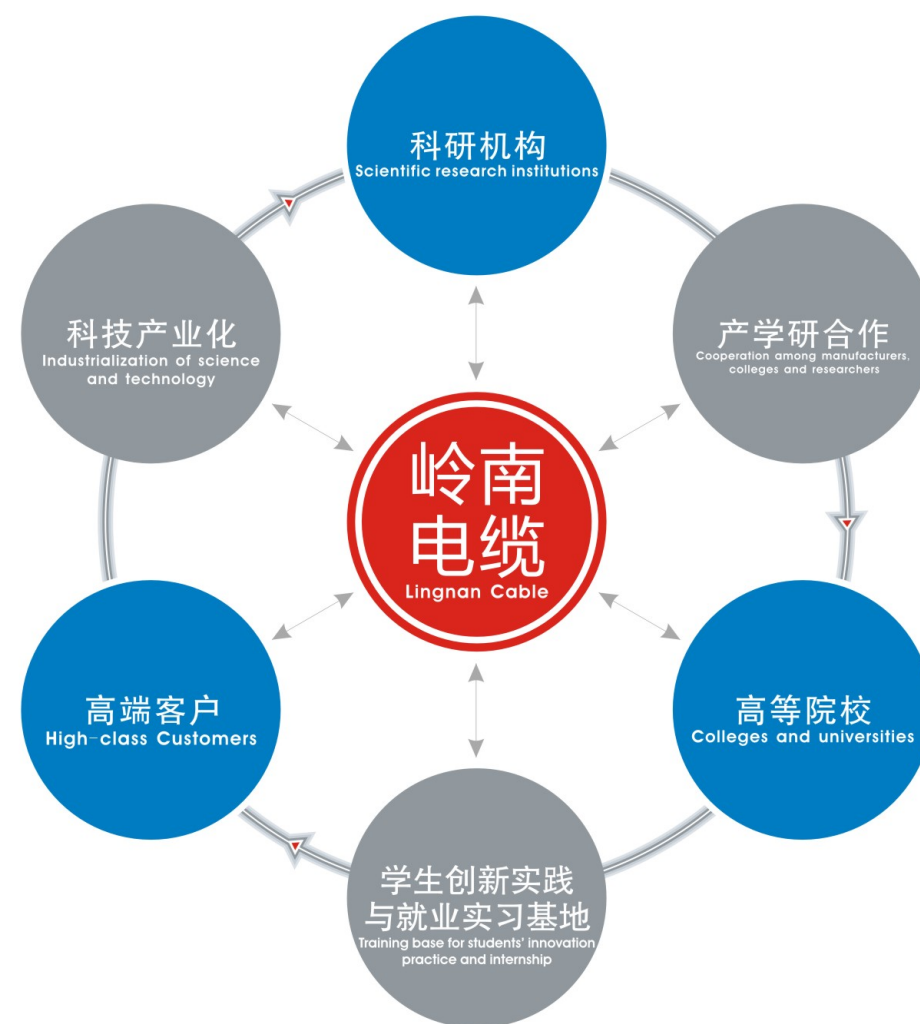
The core power of the great leap of science and technology in the 21st century!

公司以具有竞争力的薪酬吸引优秀人才以确保公司拥有一支优秀的员工队伍。公司定期对内考察公司员工各级薪酬水平，对外收集优秀企业薪酬状况，力求建立公平、合理、极具竞争力的薪酬体系。工资的定级根据员工的职务、职称、学历、工作能力、技术程度等项目综合制定。公司一贯严格按照《劳动合同法》的要求与员工签订劳动合同，对签订无固定期限合同条件的员工，我们都依法与员工签订无固定期限劳动合同，至今我们已与三分之一的员工签订了无固定期限劳动合同，公司的劳动合同签订率达100%。我们一直坚持按时按规定足额支付员工的工资，依法为员工缴纳社会保险和住房公积金。

公司每年都举行质量安全月、技术比武、演讲比赛、征文比赛、合理化建议等各类活动，春节、国庆节、元旦等节日举行康体活动，定期组织员工体检和旅游，以丰富员工生活。

The company has a competitive salary to attract the best talent to ensure that the company has an excellent staff. Regularly inspect the internal level employees at all levels of remuneration, salary status of foreign collect outstanding enterprises, and strive to establish a fair, reasonable and very competitive compensation system. Developed based on a comprehensive classification of wages of staff positions, titles, qualifications, competence, skill level and other projects. The company has consistently strict accordance with the "Labor Contract Law" sign labor contracts with employees on fixed-term contracts signed without conditions employees, we have entered into a legally non-fixed term labor contracts with employees, so far we have signed with a third of staff the non-fixed term labor contract, the company's labor contract rate of 100%. We have been insisting on time required to pay wages in full accordance with the law for employees to pay social insurance and housing fund.

Quality and safety of the company are held annually months, technology contest, speech contests, essay contests, rationalization proposals and other types of activities, the Spring Festival, National Day, New Year and other festivals held in recreational activities, and travel regularly organized medical staff to enrich the staff of life.



## 技术创新 见证实力



Technical Innovation is Power





致力于电缆的系统解决方案  
DEDICATED WIRE & CABLE SOLUTIONS

# CONCENTRATION WITH HEART

用心处，尽显至诚、至精、至纯之质



德，为立身之本，厚德载物；心，为万物之灵，心可造物。用心处，尽显至诚、至精、至纯之质，用心打造，桃李不言，下自成蹊。

“关注顾客、细节管理、完美执行、创新改进”是公司一贯秉承的质量观，建立了质量信息管理平台，将各类检验数据分类管理，保证了产品信息的可追溯性。公司建立了高压及局放测试研究试验室、高压电缆技术研究试验室、电缆材料检验试验室，既满足了从原材料进厂到产品出厂各环节的检测要求，又为技术创新和产品研发提供了基础和平台。

Virtue is the root of human being supporting the earth while heart is the spirit and source of creation of everything in the world. The concentration with heart is a reflection of upmost truth, professionalism and purity. The creation with heart is a natural call heard by numerous followers.

The Company's concept on quality is customer-orientation, detail management, perfect implementation, and continuous innovation. We have established a platform of quality information management to verify different types of inspection data and ensure the tracing of the information of every product. The Company has also established laboratories including the high voltage and partial discharge test research laboratory, high voltage cable technology research laboratory, and cable material inspection laboratory, which not only meet the inspection demands from raw materials to finished products but also provide a solid foundation and platform for technology innovation and product research and development.



0.6/1kV 交联聚乙烯  
绝缘电力电缆

0.6/1kV XLPE INSULATED  
POWER CABLE





0.6/1kV交联聚乙烯绝缘电力电缆
(含阻燃型、耐火型、无卤低烟阻燃型)

0.6/1kV XLPE INSULATED POWER CABLE
(Including flame retardant power cable, and fire-resisting power cable, and halogenfree, low smoke and flame retardant power cable)

产品执行标准 Product standard
GB/T12706-2008, IEC60502, IEC60332、GB/T19666-2005等
GB/T12706-2008, IEC60502, IEC60332, GB/T19666-2005 and etc. are applied.

用途 Application

本产品适用于额定电压Uo/U为0.6/1kV 及以下的输配电线路上。
This product is mainly designed for electrical power transmission and distribution lines with AC rated voltage Uo/U of 0.6/1 kV and below.
阻燃型电缆适用于电缆敷设密集程度较高的发电站、地铁、隧道、高层建筑、大型工矿企业、油田、煤矿等场所。
Flame retardant power cable is mainly designed for places with many cables laid tightly together such as power plant, subway, tunnel, high-storey building, large-sized factory and mines, oil field, coal mine and etc.
耐火型电缆适用于核电站、地铁、隧道、高层建筑等与防火安全和消防救生有关的地方。
Fire-resisting power cable is designed for places such as nuclear power plant, subway, tunnel, high-storey building and other places in relation to fire prevention and fire rescue.
无卤低烟阻燃型电缆适用于对电缆阻燃、烟密度、毒性指数等有特别要求的场所，如地铁、隧道、核电站等。
Halogen-free, low smoke and flame retardant power cable is designed for such kinds of places as subway, tunnel and nuclear power plant with special requirements on flame retardant property, density of smoke emission and toxic index in case that cable gets burning.

型号及名称 Model number and name

Table with 2 columns: 型号 Model number, 名称 Name. Rows include YJV(YJLV), YJY(YJLY), YJV22(YJLV22), YJV23(YJLV23), YJV32(YJLV32), and YJV33(YJLV33) with their respective descriptions.

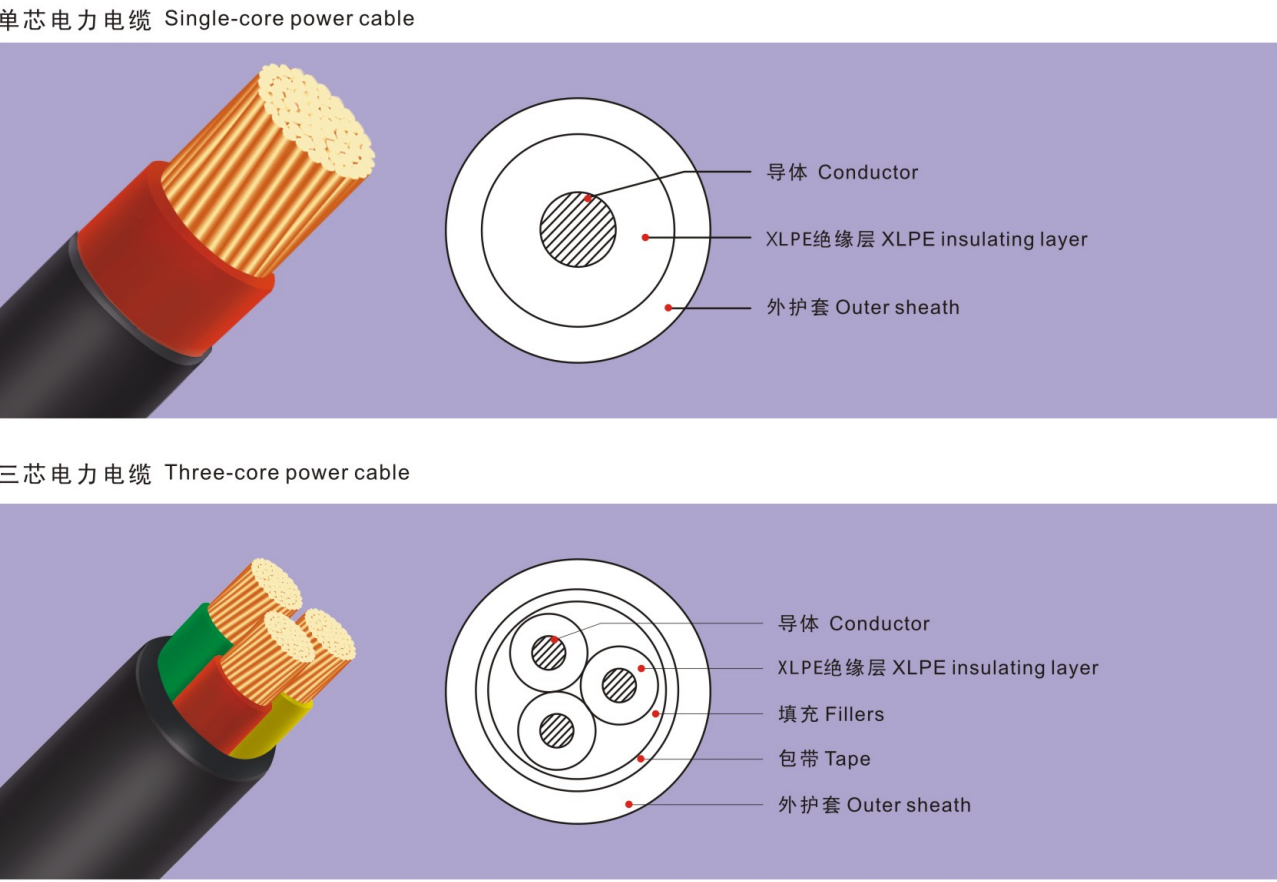
- 1. 阻燃型电缆型号在普通型前加“ZA（ZB、ZC）”。
For flame retardant power cable, add “ZA” （“ZB” or “ZC” ）before the model number of common power cable.
- 2. 耐火型电缆型号在普通型前加“N”。
For fire-resisting power cable, add “N” before the model number of common power cable.
- 3、无卤低烟阻燃型电缆型号为：WDZ-YJY、WDZ-YJLY、WDZ-YJY23、WDZ-YJLY
Model numbers for halogen free, low smoke and flame retardant power cables include: WDZ-YJY, WDZ-YJLY, WDZ-YJY23 and WDZ-YJLY23.

使用特性 Technical Data

- 额定电压Uo/U 为0. 6/1kV
Rated voltage Uo/U is 0.6/1kV.
- 导体最高额定温度为90℃。
Rated maximum operating temperature of cable conductor is 90℃.
- 短路时(最长持续时间不超过5S)导体最高温度不超过250℃。
Short circuit temperature (continuing for less than 5 seconds): ≤250℃.
- 电缆敷设环境温度应不低于0℃，最小弯曲半径：单芯电缆—20（D+d）mm,多芯电缆—15（D+d）mm。
（注：D-电缆外径，d-主导体的标称直径）
When cable is installed, the ambient temperature shall be not lower than 0℃; minimum bending radius shall be as below: for single-core cable —20(D+d)(mm), for multi-core cable —15(D+d).(mm).(Note: “D” denotes the outside diameter of cable, while “d” denotes the nominal diameter of main conductor).
- 电缆的敷设方式有架空、电缆沟、埋地等。
Laying method of cable: aerial way, cable pit, burial and etc. can be used.

Two tables: 空气中载流量校正系数 (Correction factors of ampacity in air) and 土壤中载流量校正系数 (Correction factors of ampacity in soil). Both show correction factors for ambient temperatures from 20°C to 45°C.

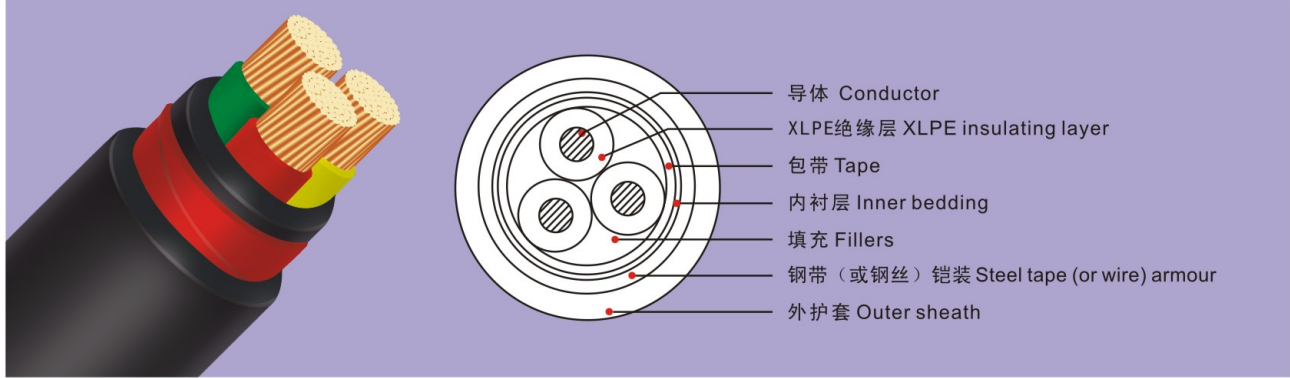
0. 6/1kV 交联聚乙烯绝缘电力电缆结构示意图
Structural schematic diagram of XLPE insulated power cable with rated voltage of 0.6/1kV



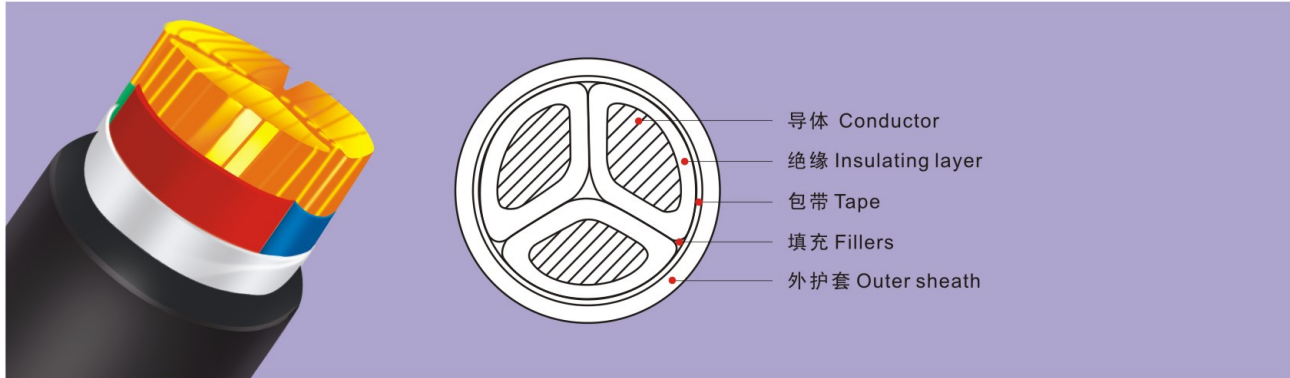


0.6/1kV 交联聚乙烯绝缘电力电缆结构示意图  
Structural schematic diagram of XLPE insulated power cable with rated voltage of 0.6/1kV

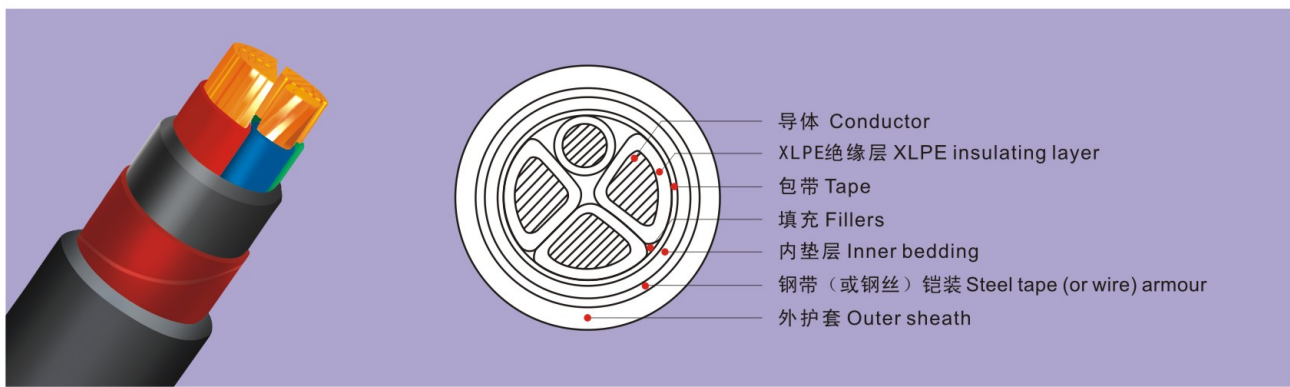
三芯铠装电力电缆 Three-core armored power cable



扇形三芯电力电缆 Three-core sector power cable



(3+1)芯扇形铠装电力电缆 (3+1)-core sector armored power cable



产品参数 Parameter of products

| 电压等级(Voltage class): 0.6/1kV                                                                       |                                                  |                                     |          | 型号 (Mode) : YJV, YJLV                                            |     |              |     |
|----------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------|----------|------------------------------------------------------------------|-----|--------------|-----|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm <sup>2</sup> ) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference Weight<br>(kg/km) |          | 环境温度25℃时允许载流量<br>Rated Ampacity at Ambient Temperature of 25℃(A) |     |              |     |
|                                                                                                    |                                                  |                                     |          | 在空气中 In air                                                      |     | 在土壤中 In soil |     |
|                                                                                                    |                                                  | 铜芯<br>Cu                            | 铝芯<br>Al | 铜Cu                                                              | 铝Al | 铜Cu          | 铝Al |
| 1 x 1.5                                                                                            | 5.6                                              | 48.4                                | 39.2     | 35                                                               | 30  | 47           | 34  |
| 1 x 2.5                                                                                            | 6.0                                              | 61.2                                | 45.8     | 43                                                               | 35  | 63           | 45  |
| 1 x 4                                                                                              | 6.5                                              | 79.3                                | 54.7     | 57                                                               | 38  | 82           | 60  |
| 1 x 6                                                                                              | 7.0                                              | 102.11                              | 65.1     | 72                                                               | 47  | 101          | 76  |
| 1 x 10                                                                                             | 8.3                                              | 153.4                               | 89.6     | 99                                                               | 62  | 135          | 102 |
| 1 x 16                                                                                             | 9.3                                              | 221.2                               | 117.2    | 131                                                              | 117 | 175          | 135 |
| 1 x 25                                                                                             | 11.0                                             | 323.1                               | 164.4    | 177                                                              | 148 | 225          | 174 |
| 1 x 35                                                                                             | 11.6                                             | 418.8                               | 198.1    | 218                                                              | 181 | 272          | 208 |
| 1 x 50                                                                                             | 13.1                                             | 565.5                               | 256.9    | 266                                                              | 218 | 323          | 247 |
| 1 x 70                                                                                             | 15.8                                             | 798.9                               | 366.4    | 338                                                              | 280 | 397          | 307 |
| 1 x 95                                                                                             | 17.4                                             | 1058.5                              | 460.5    | 416                                                              | 344 | 477          | 367 |
| 1 x 120                                                                                            | 19.0                                             | 1312.4                              | 557.4    | 507                                                              | 401 | 545          | 418 |
| 1 x 150                                                                                            | 21.0                                             | 1600                                | 675.0    | 581                                                              | 457 | 614          | 471 |
| 1 x 185                                                                                            | 23.0                                             | 1989                                | 826      | 696                                                              | 530 | 695          | 535 |
| 1 x 240                                                                                            | 25.4                                             | 2558                                | 1032     | 818                                                              | 646 | 805          | 631 |
| 1 x 300                                                                                            | 27.8                                             | 3163                                | 1250     | 943                                                              | 744 | 913          | 717 |
| 1 x 400                                                                                            | 31.6                                             | 4033                                | 1585     | 1108                                                             | 879 | 1044         | 828 |
| 1 x 500                                                                                            | 35.9                                             | 5070                                | 1983     | 1246                                                             | 990 | 1217         | 934 |
| 2 x 2.5                                                                                            | 10.8                                             | 166                                 | 135      | 37                                                               | 30  | 54           | 38  |
| 2 x 4                                                                                              | 11.8                                             | 206                                 | 156      | 48                                                               | 32  | 70           | 51  |
| 2 x 6                                                                                              | 12.8                                             | 280                                 | 191      | 61                                                               | 40  | 86           | 65  |
| 2 x 10                                                                                             | 15.4                                             | 393                                 | 266      | 84                                                               | 53  | 115          | 87  |
| 2 x 16                                                                                             | 17.4                                             | 544                                 | 346      | 113                                                              | 99  | 149          | 115 |
| 2 x 25                                                                                             | 26.8                                             | 800                                 | 477      | 150                                                              | 126 | 191          | 148 |
| 2 x 35                                                                                             | 22.0                                             | 1021                                | 573      | 185                                                              | 154 | 231          | 177 |
| 2 x 50                                                                                             | 25.0                                             | 1389                                | 754      | 226                                                              | 185 | 275          | 210 |
| 2 x 70                                                                                             | 28.8                                             | 1870                                | 986      | 287                                                              | 238 | 337          | 261 |
| 2 x 95                                                                                             | 32.4                                             | 2463                                | 1268     | 354                                                              | 292 | 405          | 312 |
| 2 x 120                                                                                            | 35.8                                             | 3067                                | 1561     | 431                                                              | 341 | 463          | 355 |
| 2 x 150                                                                                            | 40.0                                             | 3838                                | 1959     | 494                                                              | 388 | 522          | 400 |
| 2 x 185                                                                                            | 44.2                                             | 4694                                | 2315     | 592                                                              | 451 | 591          | 455 |
| 2 x 240                                                                                            | 49.4                                             | 5980                                | 2980     | 695                                                              | 549 | 684          | 536 |
| 2 x 300                                                                                            | 54.4                                             | 7400                                | 3653     | 802                                                              | 632 | 776          | 609 |
| 3 x 1.5                                                                                            | 10.4                                             | 159                                 | 131      | 25                                                               | 21  | 33           | 24  |
| 3 x 2.5                                                                                            | 11.3                                             | 210                                 | 164      | 30                                                               | 25  | 44           | 32  |
| 3 x 4                                                                                              | 12.4                                             | 266                                 | 192      | 40                                                               | 27  | 57           | 42  |
| 3 x 6                                                                                              | 13.4                                             | 353                                 | 241      | 50                                                               | 33  | 70           | 53  |
| 3 x 10                                                                                             | 16.2                                             | 512                                 | 320      | 69                                                               | 43  | 94           | 71  |
| 3 x 16                                                                                             | 18.4                                             | 790                                 | 443      | 91                                                               | 82  | 122          | 94  |
| 3 x 25                                                                                             | 22.1                                             | 1090                                | 604      | 124                                                              | 103 | 157          | 122 |
| 3 x 35                                                                                             | 23.4                                             | 1379                                | 707      | 153                                                              | 127 | 190          | 145 |
| 3 x 50                                                                                             | 26.6                                             | 1914                                | 962      | 186                                                              | 153 | 226          | 173 |
| 3 x 70                                                                                             | 30.9                                             | 2550                                | 1224     | 237                                                              | 196 | 278          | 215 |
| 3 x 95                                                                                             | 34.5                                             | 3385                                | 1592     | 291                                                              | 241 | 334          | 257 |
| 3 x 120                                                                                            | 38.4                                             | 4207                                | 1948     | 355                                                              | 281 | 382          | 293 |
| 3 x 150                                                                                            | 42.9                                             | 5239                                | 2419     | 407                                                              | 320 | 430          | 330 |
| 3 x 185                                                                                            | 47.4                                             | 6468                                | 2995     | 487                                                              | 371 | 487          | 375 |
| 3 x 240                                                                                            | 53.0                                             | 8216                                | 3716     | 573                                                              | 452 | 564          | 442 |
| 3 x 300                                                                                            | 58.5                                             | 10194                               | 4574     | 660                                                              | 521 | 639          | 502 |
| 4 x 1.5                                                                                            | 11.2                                             | 192                                 | 154      | 22                                                               | 18  | 30           | 21  |
| 4 x 2.5                                                                                            | 12.1                                             | 260                                 | 196      | 27                                                               | 22  | 40           | 28  |
| 4 x 4                                                                                              | 13.3                                             | 329                                 | 230      | 36                                                               | 24  | 52           | 38  |
| 4 x 6                                                                                              | 14.5                                             | 420                                 | 272      | 45                                                               | 30  | 64           | 48  |
| 4 x 10                                                                                             | 17.7                                             | 648                                 | 393      | 62                                                               | 39  | 85           | 64  |
| 4 x 16                                                                                             | 20.1                                             | 950                                 | 533      | 83                                                               | 74  | 110          | 85  |
| 4 x 25                                                                                             | 24.2                                             | 1376                                | 728      | 112                                                              | 93  | 142          | 110 |
| 4 x 35                                                                                             | 25.6                                             | 1794                                | 898      | 137                                                              | 114 | 171          | 131 |



| 电压等级(Voltage class): 0.6/1kV                                                                       |                                                  |                                     |          | 型号 (Mode) : YJV, YJLV                                            |     |              |     |
|----------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------|----------|------------------------------------------------------------------|-----|--------------|-----|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm <sup>2</sup> ) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference Weight<br>(kg/km) |          | 环境温度25℃时允许载流量<br>Rated Ampacity at Ambient Temperature of 25℃(A) |     |              |     |
|                                                                                                    |                                                  | 铜芯<br>Cu                            | 铝芯<br>Al | 在空气中 In air                                                      |     | 在土壤中 In soil |     |
|                                                                                                    |                                                  |                                     |          | 铜Cu                                                              | 铝Al | 铜Cu          | 铝Al |
| 4 x 50                                                                                             | 29.5                                             | 2470                                | 1200     | 168                                                              | 137 | 203          | 156 |
| 4 x 70                                                                                             | 34.3                                             | 3308                                | 1540     | 213                                                              | 176 | 250          | 193 |
| 4 x 95                                                                                             | 38.3                                             | 4349                                | 1959     | 262                                                              | 217 | 300          | 231 |
| 4 x 120                                                                                            | 42.6                                             | 5447                                | 2435     | 319                                                              | 252 | 343          | 263 |
| 4 x 150                                                                                            | 47.6                                             | 6775                                | 3016     | 366                                                              | 288 | 387          | 297 |
| 4 x 185                                                                                            | 52.8                                             | 8405                                | 3775     | 438                                                              | 333 | 438          | 337 |
| 4 x 240                                                                                            | 59.0                                             | 10706                               | 4706     | 515                                                              | 407 | 507          | 340 |
| 4 x 300                                                                                            | 65.2                                             | 13313                               | 5819     | 594                                                              | 468 | 575          | 452 |
| 3x4+1x2.5                                                                                          | 13.0                                             | 319                                 | 229      | 38                                                               | 25  | 54           | 40  |
| 3x6+1x4                                                                                            | 14.2                                             | 409                                 | 271      | 47                                                               | 31  | 66           | 50  |
| 3x10+1x6                                                                                           | 16.9                                             | 605                                 | 376      | 65                                                               | 41  | 89           | 67  |
| 3x16+1x10                                                                                          | 19.5                                             | 910                                 | 499      | 86                                                               | 77  | 115          | 89  |
| 3x25+1x16                                                                                          | 23.2                                             | 1276                                | 686      | 117                                                              | 97  | 148          | 115 |
| 3x35+1x16                                                                                          | 24.3                                             | 1601                                | 825      | 144                                                              | 119 | 179          | 137 |
| 3x50+1x25                                                                                          | 28.0                                             | 2173                                | 1062     | 175                                                              | 143 | 212          | 163 |
| 3x70+1x35                                                                                          | 32.0                                             | 2902                                | 1355     | 223                                                              | 184 | 261          | 202 |
| 3x95+1x50                                                                                          | 36.2                                             | 3855                                | 1754     | 274                                                              | 227 | 314          | 242 |
| 3x120+1x70                                                                                         | 40.4                                             | 4884                                | 2192     | 334                                                              | 264 | 359          | 275 |
| 3x150+1x70                                                                                         | 44.3                                             | 5892                                | 2640     | 383                                                              | 301 | 404          | 310 |
| 3x185+1x95                                                                                         | 49.3                                             | 7345                                | 3274     | 458                                                              | 349 | 458          | 352 |
| 3x240+1x120                                                                                        | 55.0                                             | 9415                                | 4060     | 539                                                              | 425 | 530          | 416 |
| 3x300+1x150                                                                                        | 60.7                                             | 11589                               | 5043     | 621                                                              | 490 | 601          | 472 |
| 5 x 4                                                                                              | 14.4                                             | 388                                 | 261      | 33                                                               | 24  | 49           | 34  |
| 5 x 6                                                                                              | 15.7                                             | 511                                 | 317      | 42                                                               | 30  | 60           | 42  |
| 5 x 10                                                                                             | 19.3                                             | 789                                 | 457      | 59                                                               | 39  | 81           | 58  |
| 5 x 16                                                                                             | 22.0                                             | 1115                                | 590      | 90                                                               | 74  | 105          | 76  |
| 5 x 25                                                                                             | 26.5                                             | 1632                                | 822      | 108                                                              | 93  | 132          | 100 |
| 5 x 35                                                                                             | 28.2                                             | 2185                                | 1063     | 133                                                              | 114 | 166          | 121 |
| 5 x 50                                                                                             | 32.6                                             | 3035                                | 1446     | 168                                                              | 137 | 198          | 146 |
| 5 x 70                                                                                             | 37.9                                             | 4089                                | 1877     | 208                                                              | 176 | 240          | 183 |
| 5 x 95                                                                                             | 42.7                                             | 5408                                | 2418     | 258                                                              | 217 | 291          | 227 |
| 5 x 120                                                                                            | 47.2                                             | 6740                                | 2975     | 312                                                              | 252 | 336          | 258 |
| 5 x 150                                                                                            | 53.0                                             | 8435                                | 3731     | 360                                                              | 288 | 380          | 297 |
| 5 x 185                                                                                            | 58.8                                             | 10369                               | 4574     | 431                                                              | 333 | 430          | 337 |
| 5 x 240                                                                                            | 65.7                                             | 13314                               | 5814     | 511                                                              | 407 | 501          | 426 |
| 4x4+1x2.5                                                                                          | 14.1                                             | 365                                 | 251      | 33                                                               | 24  | 49           | 34  |
| 4x6+1x4                                                                                            | 15.5                                             | 474                                 | 301      | 42                                                               | 30  | 60           | 42  |
| 4x10+1x6                                                                                           | 18.5                                             | 718                                 | 425      | 59                                                               | 39  | 81           | 58  |
| 4x16+1x10                                                                                          | 21.4                                             | 1038                                | 558      | 80                                                               | 74  | 105          | 76  |
| 4x25+1x16                                                                                          | 25.6                                             | 1596                                | 846      | 108                                                              | 93  | 132          | 100 |
| 4x35+1x16                                                                                          | 26.9                                             | 2033                                | 1034     | 133                                                              | 114 | 166          | 121 |
| 4x50+1x25                                                                                          | 31.3                                             | 2769                                | 1330     | 168                                                              | 137 | 198          | 146 |
| 4x70+1x35                                                                                          | 36.1                                             | 3722                                | 1733     | 208                                                              | 176 | 240          | 183 |
| 4x95+1x50                                                                                          | 40.6                                             | 4922                                | 2223     | 258                                                              | 217 | 291          | 227 |
| 4x120+1x70                                                                                         | 45.5                                             | 6234                                | 2790     | 312                                                              | 252 | 336          | 258 |
| 4x150+1x70                                                                                         | 50.0                                             | 7584                                | 3393     | 360                                                              | 288 | 380          | 297 |
| 4x185+1x95                                                                                         | 55.6                                             | 9412                                | 4183     | 431                                                              | 333 | 430          | 337 |
| 4x240+1x120                                                                                        | 62.0                                             | 12073                               | 5318     | 511                                                              | 407 | 501          | 426 |
| 3x4+2x2.5                                                                                          | 13.9                                             | 348                                 | 244      | 33                                                               | 24  | 49           | 34  |
| 3x6+2x4                                                                                            | 15.2                                             | 451                                 | 291      | 42                                                               | 30  | 60           | 42  |
| 3x10+2x6                                                                                           | 17.8                                             | 667                                 | 400      | 59                                                               | 39  | 81           | 58  |
| 3x16+2x10                                                                                          | 20.9                                             | 1023                                | 548      | 80                                                               | 74  | 105          | 76  |
| 3x25+2x16                                                                                          | 24.7                                             | 1492                                | 799      | 108                                                              | 93  | 132          | 100 |
| 3x35+2x16                                                                                          | 25.7                                             | 1785                                | 904      | 133                                                              | 114 | 166          | 121 |
| 3x50+2x25                                                                                          | 30.1                                             | 2523                                | 1247     | 168                                                              | 137 | 198          | 146 |
| 3x70+2x35                                                                                          | 34.1                                             | 3350                                | 1577     | 208                                                              | 176 | 240          | 183 |
| 3x95+2x50                                                                                          | 38.7                                             | 4486                                | 2059     | 258                                                              | 217 | 291          | 227 |
| 3x120+2x70                                                                                         | 43.5                                             | 5724                                | 2587     | 312                                                              | 252 | 336          | 258 |
| 3x150+2x70                                                                                         | 47.0                                             | 6772                                | 3068     | 360                                                              | 288 | 380          | 297 |
| 3x185+2x95                                                                                         | 52.3                                             | 8465                                | 3797     | 431                                                              | 333 | 430          | 337 |
| 3x240+2x120                                                                                        | 58.3                                             | 10831                               | 4825     | 511                                                              | 407 | 501          | 426 |

| 电压等级(Voltage class): 0.6/1kV                                                                       |                                                  |                                     |          | 型号 (Mode) : YJV22, YJLV22                                        |     |              |     |
|----------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------|----------|------------------------------------------------------------------|-----|--------------|-----|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm <sup>2</sup> ) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference Weight<br>(kg/km) |          | 环境温度25℃时允许载流量<br>Rated Ampacity at Ambient Temperature of 25℃(A) |     |              |     |
|                                                                                                    |                                                  | 铜芯<br>Cu                            | 铝芯<br>Al | 在空气中 In air                                                      |     | 在土壤中 In soil |     |
|                                                                                                    |                                                  |                                     |          | 铜Cu                                                              | 铝Al | 铜Cu          | 铝Al |
| 2 x 4                                                                                              | 15.0                                             | 31                                  | 264      | 48                                                               | 32  | 70           | 51  |
| 2 x 6                                                                                              | 16.0                                             | 398                                 | 324      | 61                                                               | 40  | 86           | 65  |
| 2 x 10                                                                                             | 18.6                                             | 536                                 | 409      | 84                                                               | 53  | 115          | 87  |
| 2 x 16                                                                                             | 20.6                                             | 718                                 | 509      | 113                                                              | 99  | 149          | 115 |
| 2 x 25                                                                                             | 24.0                                             | 1021                                | 697      | 150                                                              | 126 | 191          | 148 |
| 2 x 35                                                                                             | 25.2                                             | 1256                                | 808      | 185                                                              | 154 | 231          | 177 |
| 2 x 50                                                                                             | 28.2                                             | 1627                                | 992      | 226                                                              | 185 | 275          | 210 |
| 2 x 70                                                                                             | 32.4                                             | 2175                                | 1291     | 287                                                              | 238 | 337          | 261 |
| 2 x 95                                                                                             | 37.0                                             | 3201                                | 2006     | 354                                                              | 292 | 405          | 312 |
| 2 x 120                                                                                            | 40.4                                             | 3881                                | 2374     | 431                                                              | 341 | 463          | 355 |
| 2 x 150                                                                                            | 45.0                                             | 4765                                | 2886     | 494                                                              | 388 | 522          | 400 |
| 2 x 185                                                                                            | 49.4                                             | 5717                                | 3398     | 592                                                              | 451 | 591          | 455 |
| 2 x 240                                                                                            | 54.8                                             | 7119                                | 4119     | 695                                                              | 549 | 684          | 536 |
| 2 x 300                                                                                            | 60.0                                             | 8717                                | 4969     | 802                                                              | 632 | 776          | 609 |
| 3 x 4                                                                                              | 15.6                                             | 379                                 | 305      | 40                                                               | 27  | 57           | 42  |
| 3 x 6                                                                                              | 16.6                                             | 477                                 | 365      | 50                                                               | 33  | 70           | 53  |
| 3 x 10                                                                                             | 19.4                                             | 664                                 | 472      | 69                                                               | 43  | 94           | 71  |
| 3 x 16                                                                                             | 21.6                                             | 963                                 | 615      | 91                                                               | 82  | 122          | 94  |
| 3 x 25                                                                                             | 25.3                                             | 1298                                | 813      | 124                                                              | 103 | 157          | 122 |
| 3 x 35                                                                                             | 26.6                                             | 1632                                | 960      | 153                                                              | 127 | 190          | 145 |
| 3 x 50                                                                                             | 30.0                                             | 2221                                | 1269     | 186                                                              | 153 | 226          | 173 |
| 3 x 70                                                                                             | 35.7                                             | 3358                                | 2032     | 237                                                              | 196 | 278          | 215 |
| 3 x 95                                                                                             | 39.3                                             | 4295                                | 2502     | 291                                                              | 241 | 334          | 257 |
| 3 x 120                                                                                            | 43.2                                             | 5210                                | 2950     | 355                                                              | 281 | 382          | 293 |
| 3 x 150                                                                                            | 47.9                                             | 6332                                | 3513     | 407                                                              | 320 | 430          | 330 |
| 3 x 185                                                                                            | 52.6                                             | 7762                                | 4289     | 487                                                              | 371 | 487          | 375 |
| 3 x 240                                                                                            | 58.4                                             | 9649                                | 5149     | 573                                                              | 452 | 564          | 442 |
| 3 x 300                                                                                            | 64.3                                             | 11777                               | 6157     | 660                                                              | 521 | 639          | 502 |
| 4 x 4                                                                                              | 16.5                                             | 452                                 | 354      | 36                                                               | 24  | 52           | 38  |
| 4 x 6                                                                                              | 17.7                                             | 555                                 | 407      | 45                                                               | 30  | 64           | 48  |
| 4 x 10                                                                                             | 20.9                                             | 815                                 | 559      | 62                                                               | 39  | 85           | 64  |
| 4 x 16                                                                                             | 23.3                                             | 1140                                | 723      | 83                                                               | 74  | 110          | 85  |
| 4 x 25                                                                                             | 27.4                                             | 1606                                | 959      | 112                                                              | 93  | 142          | 110 |
| 4 x 35                                                                                             | 29.0                                             | 2052                                | 1156     | 137                                                              | 114 | 171          | 131 |
| 4 x 50                                                                                             | 34.1                                             | 3145                                | 1876     | 168                                                              | 137 | 203          | 156 |
| 4 x 70                                                                                             | 39.1                                             | 4210                                | 2442     | 213                                                              | 176 | 250          | 193 |
| 4 x 95                                                                                             | 43.3                                             | 5356                                | 2966     | 262                                                              | 217 | 300          | 231 |
| 4 x 120                                                                                            | 47.4                                             | 6539                                | 3527     | 319                                                              | 252 | 343          | 263 |
| 4 x 150                                                                                            | 52.8                                             | 8074                                | 4315     | 366                                                              | 288 | 387          | 297 |
| 4 x 185                                                                                            | 58.2                                             | 9852                                | 5221     | 438                                                              | 333 | 438          | 337 |
| 4 x 240                                                                                            | 64.6                                             | 12311                               | 6311     | 515                                                              | 407 | 507          | 340 |
| 4 x 300                                                                                            | 71.0                                             | 15088                               | 7595     | 594                                                              | 468 | 575          | 452 |
| 3 x 4+1x2.5                                                                                        | 16.2                                             | 426                                 | 336      | 38                                                               | 25  | 54           | 40  |
| 3 x 6+1x4                                                                                          | 17.4                                             | 528                                 | 392      | 47                                                               | 31  | 66           | 50  |
| 3 x 10+1x6                                                                                         | 20.1                                             | 751                                 | 522      | 65                                                               | 41  | 89           | 67  |
| 3 x 16+1x10                                                                                        | 22.7                                             | 1083                                | 671      | 86                                                               | 77  | 115          | 89  |
| 3 x 25+1x16                                                                                        | 26.4                                             | 1485                                | 895      | 117                                                              | 97  | 148          | 115 |
| 3 x 35+1x16                                                                                        | 28.7                                             | 1863                                | 1087     | 144                                                              | 119 | 179          | 137 |
| 3 x 50+1x25                                                                                        | 32.8                                             | 2903                                | 1792     | 175                                                              | 143 | 212          | 163 |
| 3 x 70+1x35                                                                                        | 36.8                                             | 3722                                | 2176     | 223                                                              | 184 | 261          | 202 |
| 3 x 95+1x50                                                                                        | 40.8                                             | 4758                                | 2657     | 274                                                              | 227 | 314          | 242 |
| 3 x 120+1x70                                                                                       | 45.4                                             | 5915                                | 3222     | 334                                                              | 264 | 359          | 275 |
| 3 x 150+1x70                                                                                       | 49.5                                             | 7021                                | 3769     | 383                                                              | 301 | 404          | 310 |
| 3 x 185+1x95                                                                                       | 54.3                                             | 8625                                | 4554     | 458                                                              | 349 | 458          | 352 |
| 3 x 240+1x120                                                                                      | 60.4                                             | 10848                               | 5594     | 539                                                              | 425 | 530          | 416 |
| 3 x 300+1x150                                                                                      | 66.5                                             | 13199                               | 6653     | 621                                                              | 490 | 601          | 472 |
| 5 x 4                                                                                              | 17.6                                             | 508                                 | 381      | 32                                                               | 23  | 48           | 33  |
| 5 x 6                                                                                              | 18.9                                             | 646                                 | 452      | 41                                                               | 29  | 58           | 40  |
| 5 x 10                                                                                             | 22.5                                             | 957                                 | 625      | 58                                                               | 38  | 80           | 56  |
| 5 x 16                                                                                             | 25.2                                             | 1312                                | 787      | 79                                                               | 72  | 104          | 73  |
| 5 x 25                                                                                             | 29.7                                             | 1875                                | 1064     | 107                                                              | 91  | 130          | 96  |

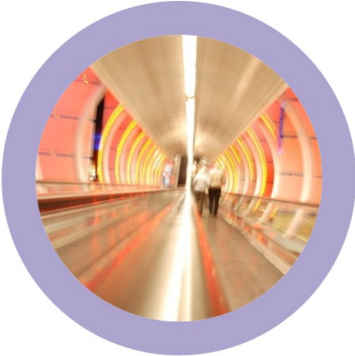


| 电压等级(Voltage class): 0.6/1kV                                                          |                                                  |                                     |          | 型号 (Mode) : YJV22, YJLV22                                        |     |              |      |
|---------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------|----------|------------------------------------------------------------------|-----|--------------|------|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference Weight<br>(kg/km) |          | 环境温度25℃时允许载流量<br>Rated Ampacity at Ambient Temperature of 25℃(A) |     |              |      |
|                                                                                       |                                                  | 铜芯<br>Cu                            | 铝芯<br>Al | 在空气中 In air                                                      |     | 在土壤中 In soil |      |
|                                                                                       |                                                  |                                     |          | 铜Cu                                                              | 铝Al | 铜Cu          | 铝Al  |
| 5 x 35                                                                                | 33.0                                             | 2830                                | 1708     | 131                                                              | 112 | 164          | 128  |
| 5 x 50                                                                                | 37.4                                             | 3750                                | 2171     | 166                                                              | 134 | 196          | 143  |
| 5 x 70                                                                                | 42.9                                             | 5062                                | 2850     | 206                                                              | 172 | 237          | 181  |
| 5 x 95                                                                                | 47.7                                             | 6480                                | 3489     | 256                                                              | 213 | 288          | 224  |
| 5 x 120                                                                               | 52.6                                             | 7951                                | 4186     | 310                                                              | 250 | 333          | 255  |
| 5 x 150                                                                               | 58.6                                             | 9847                                | 5143     | 357                                                              | 285 | 376          | 2935 |
| 5 x 185                                                                               | 64.6                                             | 11931                               | 6136     | 428                                                              | 330 | 426          | 334  |
| 5 x 240                                                                               | 71.7                                             | 14967                               | 7467     | 508                                                              | 402 | 497          | 422  |
| 4 x 4+1x2.5                                                                           | 17.3                                             | 484                                 | 370      | 32                                                               | 23  | 48           | 33   |
| 4 x 6+1x4                                                                             | 18.7                                             | 607                                 | 434      | 41                                                               | 29  | 58           | 40   |
| 4 x10+1x6                                                                             | 21.7                                             | 880                                 | 586      | 58                                                               | 38  | 80           | 56   |
| 4 x16+1x10                                                                            | 24.6                                             | 1231                                | 750      | 79                                                               | 72  | 104          | 73   |
| 4 x25+1x16                                                                            | 28.8                                             | 1830                                | 1080     | 107                                                              | 91  | 130          | 96   |
| 4 x35+1x16                                                                            | 31.5                                             | 2634                                | 1635     | 131                                                              | 112 | 164          | 128  |
| 4 x50+1x25                                                                            | 36.1                                             | 3794                                | 2166     | 166                                                              | 134 | 196          | 143  |
| 4 x70+1x35                                                                            | 40.7                                             | 4634                                | 2645     | 206                                                              | 172 | 237          | 181  |
| 4 x95+1x50                                                                            | 45.6                                             | 5970                                | 3272     | 256                                                              | 213 | 288          | 224  |
| 4 x120+1x70                                                                           | 49.4                                             | 7383                                | 3938     | 310                                                              | 250 | 333          | 255  |
| 4 x150+1x70                                                                           | 55.4                                             | 8928                                | 4736     | 357                                                              | 285 | 376          | 293  |
| 4 x185+1x95                                                                           | 61.2                                             | 10901                               | 5672     | 428                                                              | 330 | 426          | 334  |
| 4 x240+1x120                                                                          | 67.8                                             | 13742                               | 6987     | 508                                                              | 402 | 497          | 422  |
| 3 x4+2x2.5                                                                            | 17.1                                             | 465                                 | 360      | 32                                                               | 23  | 48           | 33   |
| 3 x6+2x4                                                                              | 18.4                                             | 582                                 | 421      | 41                                                               | 29  | 58           | 40   |
| 3 x10+2x6                                                                             | 21.0                                             | 822                                 | 556      | 58                                                               | 38  | 80           | 56   |
| 3 x16+2x10                                                                            | 24.1                                             | 1210                                | 735      | 79                                                               | 72  | 104          | 73   |
| 3 x25+2x16                                                                            | 27.9                                             | 1718                                | 1024     | 107                                                              | 91  | 130          | 96   |
| 3 x35+2x16                                                                            | 28.9                                             | 2063                                | 1182     | 131                                                              | 112 | 164          | 128  |
| 3 x50+2x25                                                                            | 34.7                                             | 3246                                | 1970     | 166                                                              | 134 | 196          | 143  |
| 3 x70+2x35                                                                            | 38.9                                             | 4238                                | 2465     | 206                                                              | 172 | 237          | 181  |
| 3 x95+2x50                                                                            | 43.5                                             | 5471                                | 3034     | 256                                                              | 213 | 288          | 224  |
| 3 x120+2x70                                                                           | 48.7                                             | 6852                                | 3716     | 310                                                              | 250 | 333          | 255  |
| 3 x150+2x70                                                                           | 52.2                                             | 8046                                | 4343     | 357                                                              | 285 | 376          | 293  |
| 3 x185+2x95                                                                           | 57.7                                             | 9876                                | 5209     | 428                                                              | 330 | 426          | 334  |
| 3 x240+2x120                                                                          | 64.1                                             | 12413                               | 6407     | 508                                                              | 402 | 497          | 422  |

注：单芯电缆铠装应采用非磁性材料或减少磁损耗的结构。  
Note: For single-core armored power cable, non-magnetic material is used as armor layer or cable construction which can reduce magnet loss is adopted.



0.6/1kV 聚氯乙烯  
绝缘电力电缆  
0.6/1kV PVC INSULATED  
POWER CABLE





0.6/1kV 聚氯乙烯绝缘电力电缆  
(含阻燃型、耐火型)  
0.6/1kV PVC INSULATED POWER CABLE  
(Including flame retardant power cable, and fire-resisting power cable)

产品执行标准  
Product standard

GB/T12706.1-2008 IEC60502、GB/T19666-2005  
GB/T12706.1-2008, IEC60502 and GB/T19666-2005 are applied for this product.

用途 Application

本产品适用于交流额定电压U<sub>0</sub>/U为0.6/1kV 及以下的输配电线路上。  
This product is mainly designed for electrical power transmission and distribution lines with AC rated voltage U<sub>0</sub>/U of 0.6/1 kV and below.

型号及名称 Model number and name

| 型号<br>Model number | 名称 Name                                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------------------------------|
| VV (VLV)           | 铜 (铝) 芯聚氯乙烯绝缘聚氯乙烯护套电力电缆<br>Copper (aluminum) core PVC insulated and PVC sheathed power cable                               |
| VY (VLY)           | 铜 (铝) 芯聚氯乙烯绝缘聚乙烯护套电力电缆<br>Copper (aluminum) core PVC insulated and PE sheathed power cable                                 |
| VV22 (VLV22)       | 铜 (铝) 芯聚氯乙烯绝缘钢带铠装聚氯乙烯护套电力电缆<br>Copper (aluminum) core PVC insulated, steel tape armored and PVC sheathed power cable       |
| VV23 (VLV23)       | 铜 (铝) 芯聚氯乙烯绝缘钢带铠装聚乙烯护套电力电缆<br>Copper (aluminum) core PVC insulated, steel tape armored and PE sheathed power cable         |
| VV32 (VLV32)       | 铜 (铝) 芯聚氯乙烯绝缘细钢丝铠装聚氯乙烯护套电力电缆<br>Copper (aluminum) core PVC insulated, fine steel wire armored and PVC sheathed power cable |
| VV33 (VLV33)       | 铜 (铝) 芯聚氯乙烯绝缘细钢丝铠装聚乙烯护套电力电缆<br>Copper (aluminum) core PVC insulated, fine steel wire armored and PE sheathed power cable   |

注: (Notes:)

1. 阻燃型电缆型号在普通型前加“ZA (ZB、ZC)”。  
For flame retardant power cable, add “ZA” ( “ZB” or “ZC” ) before the model number of common power cable.

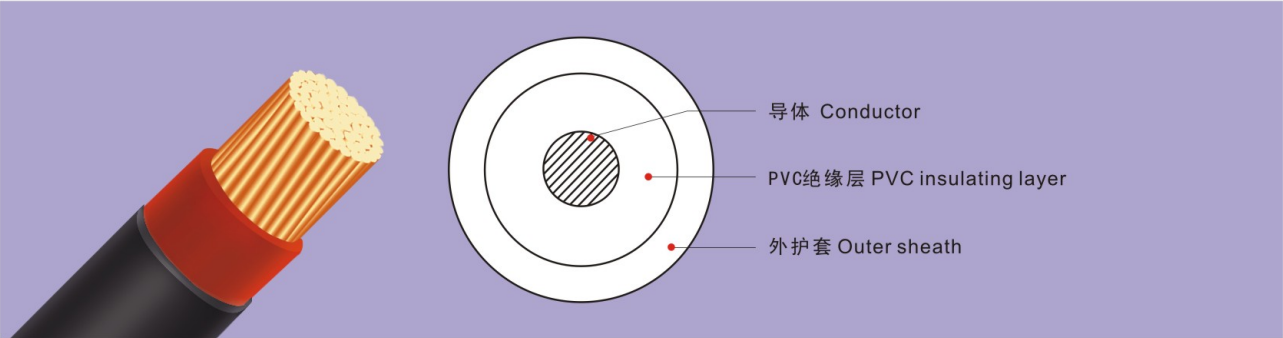
2. 耐火型电缆型号在普通型前加“N-”。  
For fire-resisting power cable, add “N-” before the model number of common power cable.

使用特性 Technical Data

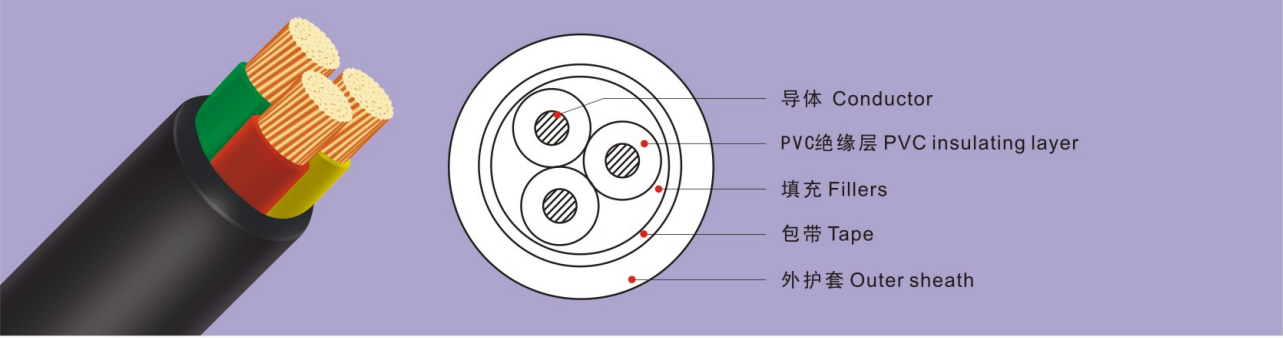
- 额定电压U<sub>0</sub>/U 为0.6/1kV  
Rated voltage U<sub>0</sub>/U is 0.6/1kV.
- 导体最高额定温度为70℃。  
Rated maximum operating temperature of cable conductor is 70℃.
- 短路时(最长持续时间不超过5S)导体最高温度不超过160℃。  
Short circuit temperature (continuing for less than 5 seconds): ≤160℃.
- 电缆敷设环境温度应不低于0℃，最小弯曲半径：单芯电缆—20 (D+d) mm, 多芯电缆—15 (D+d) mm。  
(注：D-电缆外径，d-主导体的标称直径)  
When cable is installed, the ambient temperature shall be not lower than 0℃; minimum bending radius shall be as below: for single-core cable —20(D+d)(mm), for multi-core cable —15(D+d).(mm).(Note: “D” denotes the outside diameter of cable, while “d” denotes the nominal diameter of main conductor).
- 电缆的敷设方式有架空、电缆沟、埋地等。  
Laying method of cable: aerial way, cable pit, burial and etc. can be used.

0.6/1kV 聚氯乙烯绝缘电力电缆结构示意图  
Structural schematic diagram of PVC insulated power cable with rated voltage of 0.6/1kV

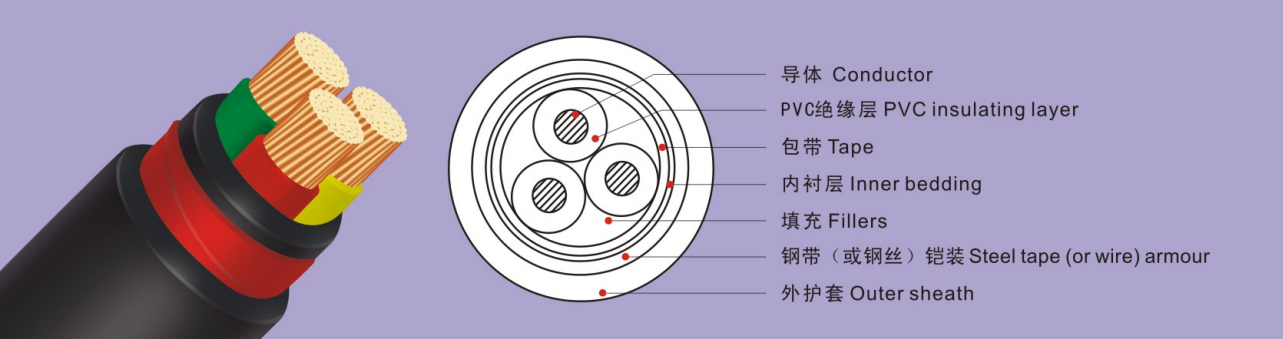
单芯电力电缆 Single-core power cable



三芯电力电缆 Three-core power cable



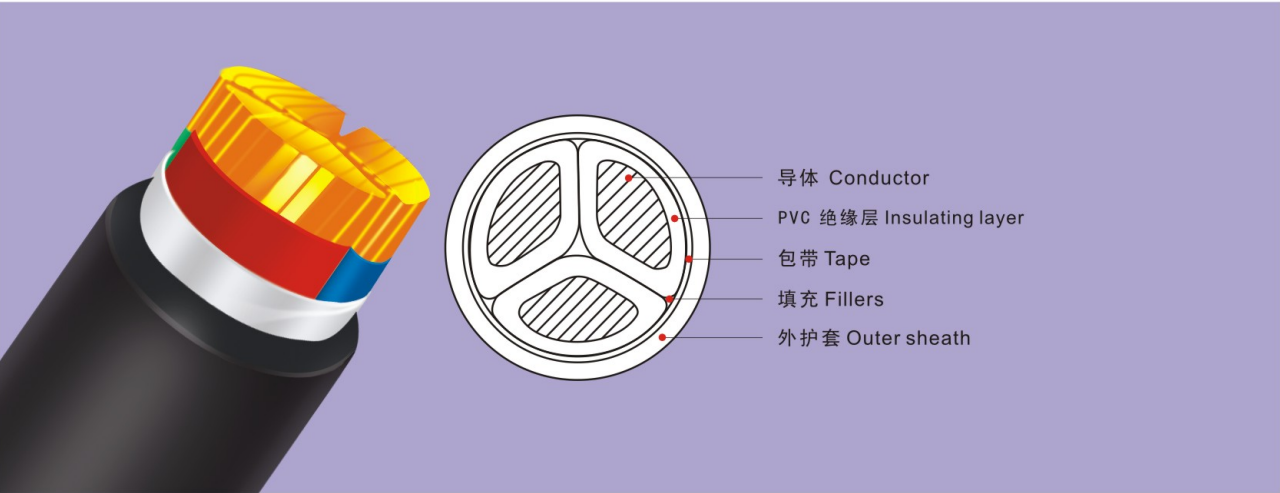
三芯铠装电力电缆 Three-core armored power cable



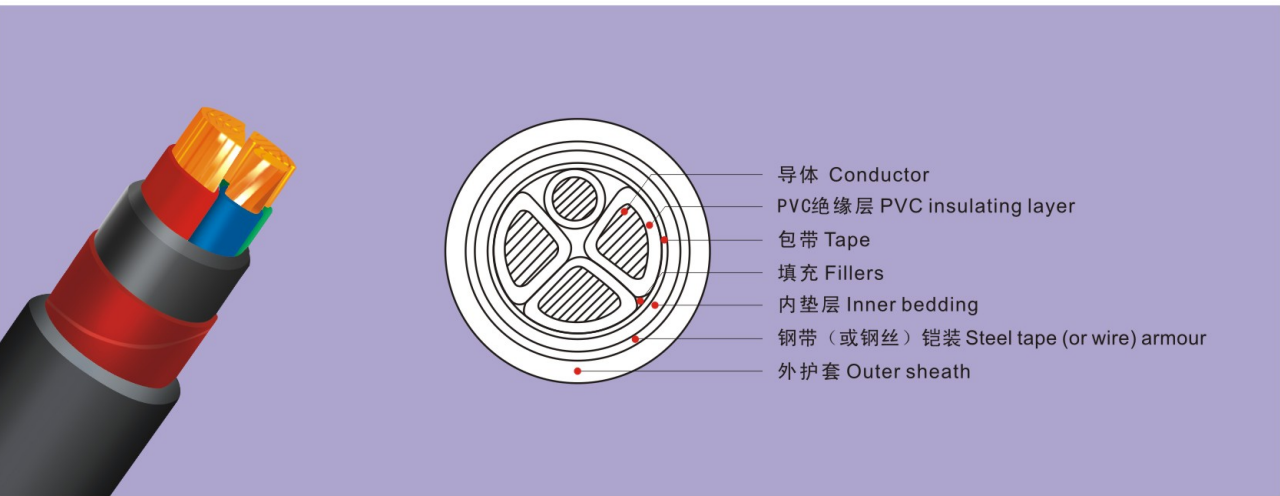


0.6/1kV 聚氯乙烯绝缘电力电缆结构示意图  
Structural schematic diagram of PVC insulated power cable with rated voltage of 0.6/1kV

扇形三芯电力电缆 Three-core sector power cable



(3+1)芯扇形铠装电力电缆 (3+1)-core sector armored power cable



产品参数 Parameter of products

| 电压等级(Voltage class): 0.6/1kV                                                                         |                                                  |                                     |          | 型号 (Mode) : VV, VLV                                              |     |              |     |
|------------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------|----------|------------------------------------------------------------------|-----|--------------|-----|
| 芯数 × 标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm <sup>2</sup> ) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference Weight<br>(kg/km) |          | 环境温度25℃时允许载流量<br>Rated Ampacity at Ambient Temperature of 25℃(A) |     |              |     |
|                                                                                                      |                                                  |                                     |          | 在空气中 In air                                                      |     | 在土壤中 In soil |     |
|                                                                                                      |                                                  | 铜芯<br>Cu                            | 铝芯<br>Al | 铜Cu                                                              | 铝Al | 铜Cu          | 铝Al |
| 1 x 1.5                                                                                              | 6.4                                              | 50                                  | 41       | 24                                                               | 19  | 29           | 22  |
| 1 x 2.5                                                                                              | 6.8                                              | 63                                  | 47       | 31                                                               | 24  | 38           | 30  |
| 1 x 4                                                                                                | 7.7                                              | 87                                  | 62       | 41                                                               | 31  | 60           | 47  |
| 1 x 6                                                                                                | 8.2                                              | 111                                 | 74       | 53                                                               | 41  | 75           | 58  |
| 1 x 10                                                                                               | 9.3                                              | 163                                 | 99       | 75                                                               | 58  | 104          | 81  |
| 1 x 16                                                                                               | 10.3                                             | 251                                 | 147      | 103                                                              | 79  | 142          | 110 |
| 1 x 25                                                                                               | 12.0                                             | 358                                 | 199      | 134                                                              | 104 | 178          | 138 |
| 1 x 35                                                                                               | 13.0                                             | 462                                 | 242      | 163                                                              | 126 | 222          | 172 |
| 1 x 50                                                                                               | 14.7                                             | 623                                 | 314      | 208                                                              | 161 | 262          | 203 |
| 1 x 70                                                                                               | 16.4                                             | 826                                 | 393      | 254                                                              | 197 | 315          | 244 |
| 1 x 95                                                                                               | 18.9                                             | 1110                                | 513      | 314                                                              | 243 | 380          | 295 |
| 1 x 120                                                                                              | 20.8                                             | 1361                                | 606      | 365                                                              | 283 | 428          | 332 |
| 1 x 150                                                                                              | 22.8                                             | 1653                                | 728      | 417                                                              | 323 | 482          | 374 |
| 1 x 185                                                                                              | 25.6                                             | 2050                                | 887      | 482                                                              | 374 | 547          | 424 |
| 1 x 240                                                                                              | 28.7                                             | 2646                                | 1121     | 582                                                              | 451 | 648          | 502 |
| 1 x 300                                                                                              | 31.4                                             | 3288                                | 1377     | 671                                                              | 512 | 724          | 561 |
| 1 x 400                                                                                              | 35.1                                             | 4166                                | 1720     | 731                                                              | 569 | 825          | 639 |
| 1 x 500                                                                                              | 38.9                                             | 5210                                | 2125     | 800                                                              | 630 | 940          | 729 |
| 1 x 630                                                                                              | 42.8                                             | 6538                                | 2602     | 920                                                              | 740 | -            | -   |
| 2 x 1.5                                                                                              | 11.4                                             | 129                                 | 100      | 19                                                               | -   | 25           | -   |
| 2 x 2.5                                                                                              | 12.2                                             | 150                                 | 120      | 26                                                               | 20  | 34           | 27  |
| 2 x 4                                                                                                | 13.9                                             | 207                                 | 158      | 34                                                               | 26  | 46           | 36  |
| 2 x 6                                                                                                | 15.0                                             | 264                                 | 190      | 44                                                               | 34  | 58           | 45  |
| 2 x 10                                                                                               | 17.2                                             | 381                                 | 253      | 62                                                               | 48  | 80           | 62  |
| 2 x 16                                                                                               | 19.2                                             | 534                                 | 326      | 85                                                               | 66  | 107          | 83  |
| 2 x 25                                                                                               | 22.6                                             | 768                                 | 444      | 112                                                              | 87  | 135          | 105 |
| 2 x 35                                                                                               | 24.6                                             | 1002                                | 554      | 135                                                              | 105 | 175          | 136 |
| 2 x 50                                                                                               | 28.0                                             | 1252                                | 617      | 172                                                              | 133 | 202          | 157 |
| 2 x 70                                                                                               | 25.6                                             | 1664                                | 780      | 209                                                              | 162 | 237          | 184 |
| 2 x 95                                                                                               | 29.4                                             | 2210                                | 1016     | 257                                                              | 199 | 290          | 225 |
| 2 x 120                                                                                              | 31.8                                             | 2723                                | 1218     | 299                                                              | 232 | 328          | 254 |
| 2 x 150                                                                                              | 35.2                                             | 3272                                | 1394     | 343                                                              | 266 | 370          | 287 |
| 2 x 185                                                                                              | 38.6                                             | 4143                                | 1829     | 419                                                              | 325 | 438          | 328 |
| 3 x 1.5                                                                                              | 12.3                                             | 149                                 | 121      | 17                                                               | -   | 22           | -   |
| 3 x 2.5                                                                                              | 13.2                                             | 192                                 | 145      | 21                                                               | 17  | 29           | 24  |
| 3 x 4                                                                                                | 15.1                                             | 264                                 | 190      | 30                                                               | 23  | 40           | 31  |
| 3 x 6                                                                                                | 16.2                                             | 343                                 | 232      | 38                                                               | 30  | 49           | 38  |
| 3 x 10                                                                                               | 19.0                                             | 501                                 | 310      | 54                                                               | 42  | 68           | 53  |
| 3 x 16                                                                                               | 21.4                                             | 770                                 | 422      | 73                                                               | 57  | 90           | 70  |
| 3 x 25                                                                                               | 24.8                                             | 1062                                | 577      | 98                                                               | 76  | 116          | 90  |
| 3 x 35                                                                                               | 27.4                                             | 1386                                | 714      | 116                                                              | 90  | 142          | 110 |
| 3 x 50                                                                                               | 31.5                                             | 1901                                | 950      | 148                                                              | 115 | 173          | 134 |
| 3 x 70                                                                                               | 29.9                                             | 2414                                | 1089     | 183                                                              | 142 | 203          | 157 |
| 3 x 95                                                                                               | 33.7                                             | 3230                                | 1439     | 220                                                              | 171 | 244          | 189 |
| 3 x 120                                                                                              | 36.8                                             | 3990                                | 1732     | 257                                                              | 199 | 273          | 212 |
| 3 x 150                                                                                              | 41.0                                             | 4960                                | 2142     | 299                                                              | 232 | 312          | 242 |
| 3 x 185                                                                                              | 45.0                                             | 6104                                | 2633     | 349                                                              | 271 | 352          | 273 |
| 3 x 240                                                                                              | 50.5                                             | 7830                                | 3332     | 417                                                              | 323 | 412          | 319 |
| 3 x 300                                                                                              | 55.1                                             | 9651                                | 4034     | 465                                                              | 361 | 447          | 347 |
| 3 x 400                                                                                              | 74.0                                             | 12636                               | 5287     | 557                                                              | 432 | 549          | 412 |
| 4 x 4                                                                                                | 16.3                                             | 329                                 | 230      | 30                                                               | 23  | 40           | 31  |
| 4 x 6                                                                                                | 17.6                                             | 423                                 | 275      | 38                                                               | 30  | 49           | 38  |
| 4 x 10                                                                                               | 20.7                                             | 638                                 | 382      | 54                                                               | 42  | 68           | 53  |
| 4 x 16                                                                                               | 23.3                                             | 923                                 | 506      | 73                                                               | 57  | 90           | 70  |
| 4 x 25                                                                                               | 27.3                                             | 1354                                | 707      | 98                                                               | 76  | 116          | 90  |
| 4 x 35                                                                                               | 30.2                                             | 1779                                | 883      | 116                                                              | 90  | 142          | 110 |
| 4 x 50                                                                                               | 34.9                                             | 2491                                | 1222     | 148                                                              | 115 | 173          | 134 |



| 电压等级(Voltage class): 0.6/1kV                                                                       |                                                  |                                     |          | 型号 (Mode) : VV, VLV                                              |     |              |     |
|----------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------|----------|------------------------------------------------------------------|-----|--------------|-----|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm <sup>2</sup> ) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference Weight<br>(kg/km) |          | 环境温度25℃时允许载流量<br>Rated Ampacity at Ambient Temperature of 25℃(A) |     |              |     |
|                                                                                                    |                                                  |                                     |          | 在空气中 In air                                                      |     | 在土壤中 In soil |     |
|                                                                                                    |                                                  | 铜芯<br>Cu                            | 铝芯<br>Al | 铜Cu                                                              | 铝Al | 铜Cu          | 铝Al |
| 4 x 70                                                                                             | 33.6                                             | 3185                                | 1418     | 183                                                              | 142 | 203          | 157 |
| 4 x 95                                                                                             | 37.7                                             | 4259                                | 1870     | 220                                                              | 171 | 244          | 189 |
| 4 x 120                                                                                            | 41.0                                             | 5263                                | 2252     | 257                                                              | 199 | 273          | 212 |
| 4 x 150                                                                                            | 45.4                                             | 6562                                | 2805     | 299                                                              | 232 | 312          | 242 |
| 4 x 185                                                                                            | 50.2                                             | 8039                                | 3411     | 349                                                              | 271 | 352          | 273 |
| 4 x 240                                                                                            | 56.1                                             | 10361                               | 4364     | 417                                                              | 323 | 412          | 319 |
| 4 x 300                                                                                            | 62.2                                             | 12815                               | 5325     | 465                                                              | 361 | 447          | 347 |
| 4 x 400                                                                                            | 83.0                                             | 16770                               | 6970     | 557                                                              | 432 | 529          | 412 |
| 3 x 4+1x2.5                                                                                        | 15.8                                             | 305                                 | 216      | 30                                                               | 23  | 40           | 31  |
| 3 x 6+1x4                                                                                          | 17.3                                             | 408                                 | 272      | 38                                                               | 30  | 49           | 38  |
| 3 x 10+1x6                                                                                         | 19.9                                             | 586                                 | 357      | 54                                                               | 42  | 68           | 53  |
| 3 x 16+1x10                                                                                        | 22.7                                             | 904                                 | 493      | 73                                                               | 57  | 90           | 70  |
| 3 x 25+1x16                                                                                        | 26.2                                             | 1247                                | 657      | 98                                                               | 76  | 116          | 90  |
| 3 x 35+1x16                                                                                        | 28.4                                             | 1569                                | 794      | 116                                                              | 90  | 142          | 110 |
| 3 x 50+1x25                                                                                        | 32.8                                             | 2219                                | 1108     | 148                                                              | 115 | 173          | 134 |
| 3 x 70+1x35                                                                                        | 31.8                                             | 2832                                | 1286     | 193                                                              | 142 | 203          | 157 |
| 3 x 95+1x50                                                                                        | 36.5                                             | 3801                                | 1701     | 220                                                              | 171 | 244          | 189 |
| 3 x 120+1x70                                                                                       | 40.7                                             | 4750                                | 2059     | 257                                                              | 199 | 273          | 212 |
| 3 x 150+1x70                                                                                       | 43.5                                             | 5741                                | 2490     | 299                                                              | 232 | 312          | 242 |
| 3 x 185+1x95                                                                                       | 48.4                                             | 7129                                | 3060     | 349                                                              | 271 | 352          | 273 |
| 3 x 240+1x120                                                                                      | 55.0                                             | 9131                                | 3879     | 417                                                              | 323 | 412          | 319 |
| 3 x 300+1x150                                                                                      | 60.0                                             | 11266                               | 4723     | 465                                                              | 361 | 447          | 347 |
| 3 x 400+1x185                                                                                      | 76.8                                             | 14792                               | 6289     | 556                                                              | 424 | 549          | 412 |
| 5 x 4                                                                                              | 17.7                                             | 394                                 | 266      | 30                                                               | 23  | 40           | 31  |
| 5 x 6                                                                                              | 19.0                                             | 517                                 | 323      | 38                                                               | 30  | 49           | 38  |
| 5 x 10                                                                                             | 22.6                                             | 787                                 | 454      | 54                                                               | 42  | 68           | 53  |
| 5 x 16                                                                                             | 25.5                                             | 1115                                | 590      | 73                                                               | 57  | 90           | 70  |
| 5 x 25                                                                                             | 29.8                                             | 1670                                | 861      | 98                                                               | 76  | 116          | 90  |
| 5 x 35                                                                                             | 33.3                                             | 2212                                | 1091     | 116                                                              | 90  | 142          | 110 |
| 5 x 50                                                                                             | 38.5                                             | 3114                                | 1526     | 148                                                              | 115 | 173          | 134 |
| 5 x 70                                                                                             | 37.5                                             | 3975                                | 1764     | 183                                                              | 142 | 203          | 157 |
| 5 x 95                                                                                             | 43.3                                             | 5328                                | 2338     | 220                                                              | 171 | 244          | 189 |
| 5 x 120                                                                                            | 46.4                                             | 6129                                | 2810     | 257                                                              | 199 | 273          | 212 |
| 5 x 150                                                                                            | 51.5                                             | 8200                                | 3497     | 299                                                              | 232 | 312          | 242 |
| 5 x 185                                                                                            | 56.7                                             | 10061                               | 4269     | 349                                                              | 271 | 352          | 273 |
| 5 x 240                                                                                            | 75.5                                             | 13290                               | 5655     | 417                                                              | 323 | 412          | 319 |
| 5 x 300                                                                                            | 82.5                                             | 16495                               | 6919     | 465                                                              | 361 | 447          | 347 |
| 4x4+1x2.5                                                                                          | 17.2                                             | 364                                 | 250      | 30                                                               | 23  | 40           | 31  |
| 4x6+1x4                                                                                            | 18.8                                             | 480                                 | 307      | 38                                                               | 30  | 49           | 38  |
| 4x10+1x6                                                                                           | 21.8                                             | 715                                 | 422      | 54                                                               | 42  | 68           | 53  |
| 4x16+1x10                                                                                          | 24.9                                             | 1040                                | 560      | 73                                                               | 57  | 90           | 70  |
| 4x25+1x16                                                                                          | 29.0                                             | 1561                                | 811      | 98                                                               | 76  | 116          | 90  |
| 4x35+1x16                                                                                          | 30.5                                             | 1979                                | 980      | 116                                                              | 90  | 142          | 110 |
| 4x50+1x25                                                                                          | 35.4                                             | 2802                                | 1374     | 148                                                              | 115 | 173          | 134 |
| 4x70+1x35                                                                                          | 35.6                                             | 3601                                | 1613     | 183                                                              | 142 | 203          | 157 |
| 4x95+1x50                                                                                          | 40.6                                             | 4839                                | 2142     | 220                                                              | 171 | 244          | 189 |
| 4x120+1x70                                                                                         | 44.2                                             | 6000                                | 2557     | 257                                                              | 199 | 273          | 212 |
| 4x150+1x70                                                                                         | 49.0                                             | 7341                                | 3152     | 299                                                              | 232 | 312          | 242 |
| 4x185+1x95                                                                                         | 53.6                                             | 9090                                | 3864     | 349                                                              | 271 | 352          | 273 |
| 4x240+1x120                                                                                        | 60.3                                             | 11624                               | 4873     | 417                                                              | 323 | 412          | 319 |
| 4x300+1x150                                                                                        | 67.0                                             | 13330                               | 4900     | 465                                                              | 361 | 447          | 347 |
| 3x4+2x2.5                                                                                          | 16.7                                             | 341                                 | 237      | 30                                                               | 23  | 40           | 31  |
| 3x6+2x4                                                                                            | 18.5                                             | 457                                 | 296      | 38                                                               | 30  | 49           | 38  |
| 3x10+2x6                                                                                           | 21.3                                             | 664                                 | 398      | 54                                                               | 42  | 68           | 53  |
| 3x16+2x10                                                                                          | 24.3                                             | 1022                                | 547      | 73                                                               | 57  | 90           | 70  |
| 3x25+2x16                                                                                          | 28.1                                             | 1457                                | 764      | 98                                                               | 76  | 116          | 90  |
| 3x35+2x16                                                                                          | 29.2                                             | 1776                                | 896      | 116                                                              | 90  | 142          | 110 |
| 3x50+2x25                                                                                          | 33.9                                             | 2531                                | 1256     | 148                                                              | 115 | 173          | 134 |
| 3x70+2x35                                                                                          | 35.3                                             | 3242                                | 1469     | 183                                                              | 142 | 203          | 157 |
| 3x95+2x50                                                                                          | 40.4                                             | 4376                                | 1950     | 220                                                              | 171 | 244          | 189 |

| 产品参数 Parameter of products                                                                         |                                                  |                                     |          |                                                                  |     |              |     |
|----------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------|----------|------------------------------------------------------------------|-----|--------------|-----|
| 电压等级(Voltage class): 0.6/1kV                                                                       |                                                  |                                     |          | 型号 (Mode) : VV, VLV                                              |     |              |     |
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm <sup>2</sup> ) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference Weight<br>(kg/km) |          | 环境温度25℃时允许载流量<br>Rated Ampacity at Ambient Temperature of 25℃(A) |     |              |     |
|                                                                                                    |                                                  |                                     |          | 在空气中 In air                                                      |     | 在土壤中 In soil |     |
|                                                                                                    |                                                  | 铜芯<br>Cu                            | 铝芯<br>Al | 铜Cu                                                              | 铝Al | 铜Cu          | 铝Al |
| 3x120+2x70                                                                                         | 43.8                                             | 5516                                | 2383     | 257                                                              | 199 | 273          | 212 |
| 3x150+2x70                                                                                         | 48.6                                             | 6505                                | 2803     | 299                                                              | 232 | 312          | 242 |
| 3x185+2x95                                                                                         | 53.1                                             | 8153                                | 2755     | 349                                                              | 271 | 352          | 273 |
| 3x240+2x120                                                                                        | 60.6                                             | 9444                                | 4063     | 417                                                              | 323 | 412          | 319 |
| 3x300+2x150                                                                                        | 66.4                                             | 12103                               | 4607     | 465                                                              | 361 | 447          | 347 |
| 电压等级(Voltage class): 0.6/1kV                                                                       |                                                  |                                     |          | 型号 (Mode) : VV22, VLV22                                          |     |              |     |
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm <sup>2</sup> ) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference Weight<br>(kg/km) |          | 环境温度25℃时允许载流量<br>Rated Ampacity at Ambient Temperature of 25℃(A) |     |              |     |
|                                                                                                    |                                                  |                                     |          | 在空气中 In air                                                      |     | 在土壤中 In soil |     |
|                                                                                                    |                                                  | 铜芯<br>Cu                            | 铝芯<br>Al | 铜Cu                                                              | 铝Al | 铜Cu          | 铝Al |
| 2 x 4                                                                                              | 15.7                                             | 337                                 | 287      | 44                                                               | 35  | 48           | 36  |
| 2 x 6                                                                                              | 16.8                                             | 407                                 | 333      | 52                                                               | 40  | 58           | 45  |
| 2 x 10                                                                                             | 19.0                                             | 551                                 | 423      | 62                                                               | 55  | 80           | 62  |
| 2 x 16                                                                                             | 21.0                                             | 729                                 | 521      | 81                                                               | 74  | 107          | 83  |
| 2 x 25                                                                                             | 24.4                                             | 1001                                | 678      | 112                                                              | 97  | 135          | 105 |
| 2 x 35                                                                                             | 26.4                                             | 1260                                | 812      | 134                                                              | 113 | 175          | 136 |
| 2 x 50                                                                                             | 31.6                                             | 1496                                | 861      | 151                                                              | 137 | 202          | 157 |
| 2 x 70                                                                                             | 29.8                                             | 2253                                | 1370     | 192                                                              | 162 | 237          | 184 |
| 2 x 95                                                                                             | 33.4                                             | 2884                                | 1690     | 249                                                              | 187 | 290          | 225 |
| 2 x 120                                                                                            | 36.0                                             | 3452                                | 1947     | 288                                                              | 225 | 328          | 254 |
| 2 x 150                                                                                            | 39.2                                             | 4196                                | 2317     | 322                                                              | 261 | 370          | 287 |
| 2 x 185                                                                                            | 42.6                                             | 5028                                | 2714     | 372                                                              | 289 | 438          | 328 |
| 3 x 4                                                                                              | 16.5                                             | 400                                 | 326      | 30                                                               | 23  | 40           | 31  |
| 3 x 6                                                                                              | 17.6                                             | 494                                 | 383      | 38                                                               | 30  | 49           | 38  |
| 3 x 10                                                                                             | 20.0                                             | 682                                 | 490      | 54                                                               | 42  | 68           | 53  |
| 3 x 16                                                                                             | 22.1                                             | 977                                 | 630      | 73                                                               | 57  | 90           | 70  |
| 3 x 25                                                                                             | 25.8                                             | 1310                                | 825      | 98                                                               | 76  | 116          | 90  |
| 3 x 35                                                                                             | 28.0                                             | 1663                                | 991      | 116                                                              | 90  | 142          | 110 |
| 3 x 50                                                                                             | 33.6                                             | 2630                                | 1679     | 148                                                              | 115 | 173          | 134 |
| 3 x 70                                                                                             | 33.7                                             | 3104                                | 1779     | 183                                                              | 142 | 203          | 157 |
| 3 x 95                                                                                             | 37.5                                             | 3998                                | 2206     | 220                                                              | 171 | 244          | 189 |
| 3 x 120                                                                                            | 40.6                                             | 4828                                | 2569     | 247                                                              | 189 | 273          | 212 |
| 3 x 150                                                                                            | 44.8                                             | 5916                                | 3098     | 289                                                              | 222 | 312          | 242 |
| 3 x 185                                                                                            | 49.2                                             | 7136                                | 3665     | 339                                                              | 261 | 352          | 273 |
| 3 x 240                                                                                            | 54.7                                             | 9040                                | 4542     | 397                                                              | 313 | 392          | 319 |
| 3 x 300                                                                                            | 59.5                                             | 10995                               | 5378     | 455                                                              | 341 | 447          | 347 |
| 3 x 400                                                                                            | 80.5                                             | 15636                               | 6287     | 527                                                              | 412 | 509          | 402 |
| 4 x 4                                                                                              | 17.6                                             | 477                                 | 379      | 30                                                               | 23  | 40           | 31  |
| 4 x 6                                                                                              | 18.9                                             | 589                                 | 440      | 38                                                               | 30  | 49           | 38  |
| 4 x 10                                                                                             | 21.6                                             | 836                                 | 580      | 54                                                               | 42  | 68           | 53  |
| 4 x 16                                                                                             | 24.0                                             | 1151                                | 734      | 73                                                               | 57  | 90           | 70  |
| 4 x 25                                                                                             | 28.1                                             | 1630                                | 983      | 98                                                               | 76  | 116          | 90  |
| 4 x 35                                                                                             | 30.7                                             | 2099                                | 1203     | 116                                                              | 90  | 142          | 110 |
| 4 x 50                                                                                             | 37.0                                             | 3298                                | 2029     | 148                                                              | 115 | 173          | 134 |
| 4 x 70                                                                                             | 37.4                                             | 3964                                | 2198     | 183                                                              | 142 | 203          | 157 |
| 4 x 95                                                                                             | 41.5                                             | 5133                                | 2745     | 220                                                              | 171 | 244          | 189 |
| 4 x 120                                                                                            | 44.8                                             | 6216                                | 3205     | 257                                                              | 199 | 273          | 212 |
| 4 x 150                                                                                            | 49.6                                             | 7602                                | 3844     | 299                                                              | 232 | 312          | 242 |
| 4 x 185                                                                                            | 54.6                                             | 9268                                | 4640     | 349                                                              | 271 | 352          | 273 |
| 4 x 240                                                                                            | 60.5                                             | 11712                               | 5715     | 417                                                              | 323 | 412          | 319 |
| 4 x 300                                                                                            | 66.6                                             | 14338                               | 6848     | 465                                                              | 361 | 447          | 347 |
| 4 x 400                                                                                            | 88.9                                             | 20170                               | 8970     | 547                                                              | 432 | 529          | 412 |
| 3x4+1x 2.5                                                                                         | 17.1                                             | 449                                 | 360      | 30                                                               | 23  | 40           | 31  |



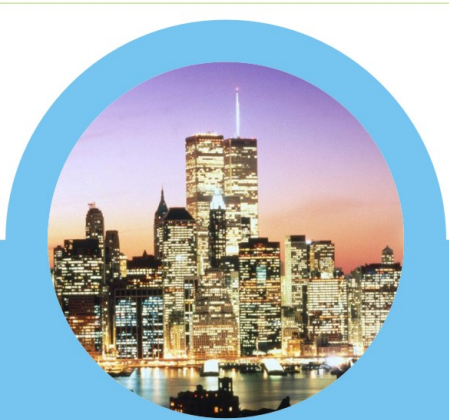
| 电压等级(Voltage class): 0.6/1kV                                                                                                                                                         |                                                  |                                     |          | 型号 (Mode) : VV22, VLV22                                          |     |              |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------|----------|------------------------------------------------------------------|-----|--------------|-----|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²)                                                                                                | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference Weight<br>(kg/km) |          | 环境温度25℃时允许载流量<br>Rated Ampacity at Ambient Temperature of 25℃(A) |     |              |     |
|                                                                                                                                                                                      |                                                  |                                     |          | 在空气中 In air                                                      |     | 在土壤中 In soil |     |
|                                                                                                                                                                                      |                                                  | 铜芯<br>Cu                            | 铝芯<br>Al | 铜Cu                                                              | 铝Al | 铜Cu          | 铝Al |
| 3x6+1x 4                                                                                                                                                                             | 18.6                                             | 571                                 | 435      | 38                                                               | 30  | 49           | 38  |
| 3x10+1x6                                                                                                                                                                             | 20.9                                             | 777                                 | 548      | 54                                                               | 42  | 68           | 53  |
| 3x16+1x10                                                                                                                                                                            | 23.4                                             | 1126                                | 714      | 73                                                               | 57  | 90           | 70  |
| 3x25+1x16                                                                                                                                                                            | 27.1                                             | 1510                                | 920      | 98                                                               | 76  | 116          | 90  |
| 3x35+1x16                                                                                                                                                                            | 28.9                                             | 1855                                | 1079     | 116                                                              | 90  | 142          | 110 |
| 3x50+1x25                                                                                                                                                                            | 35.4                                             | 2964                                | 1853     | 148                                                              | 115 | 173          | 134 |
| 3x70+1x35                                                                                                                                                                            | 35.8                                             | 3598                                | 2052     | 193                                                              | 142 | 203          | 157 |
| 3x95+1x50                                                                                                                                                                            | 40.2                                             | 4718                                | 2618     | 220                                                              | 171 | 244          | 189 |
| 3x120+1x70                                                                                                                                                                           | 44.3                                             | 5726                                | 3035     | 257                                                              | 199 | 273          | 212 |
| 3x150+1x70                                                                                                                                                                           | 47.6                                             | 6796                                | 3545     | 299                                                              | 232 | 312          | 242 |
| 3x185+1x95                                                                                                                                                                           | 53.2                                             | 8369                                | 4300     | 349                                                              | 271 | 352          | 273 |
| 3x240+1x120                                                                                                                                                                          | 59.8                                             | 10540                               | 5288     | 417                                                              | 323 | 412          | 319 |
| 3x300+1x150                                                                                                                                                                          | 64.6                                             | 12800                               | 6257     | 465                                                              | 361 | 447          | 347 |
| 3x400+1x185                                                                                                                                                                          | 84.5                                             | 18492                               | 6289     | 545                                                              | 423 | 549          | 412 |
| 5x4                                                                                                                                                                                  | 19.5                                             | 556                                 | 428      | 30                                                               | 23  | 40           | 31  |
| 5x6                                                                                                                                                                                  | 20.8                                             | 697                                 | 504      | 38                                                               | 30  | 49           | 38  |
| 5x10                                                                                                                                                                                 | 24.4                                             | 1004                                | 672      | 54                                                               | 42  | 68           | 53  |
| 5x16                                                                                                                                                                                 | 27.3                                             | 1366                                | 841      | 73                                                               | 57  | 90           | 70  |
| 5x25                                                                                                                                                                                 | 31.8                                             | 1987                                | 1178     | 98                                                               | 76  | 116          | 90  |
| 5x35                                                                                                                                                                                 | 37.1                                             | 2964                                | 1843     | 116                                                              | 90  | 142          | 110 |
| 5x50                                                                                                                                                                                 | 42.3                                             | 3989                                | 2400     | 148                                                              | 115 | 173          | 134 |
| 5 x 70                                                                                                                                                                               | 41.3                                             | 4827                                | 2616     | 183                                                              | 142 | 203          | 157 |
| 5 x 95                                                                                                                                                                               | 47.1                                             | 6308                                | 3318     | 220                                                              | 171 | 244          | 189 |
| 5 x 120                                                                                                                                                                              | 50.8                                             | 7663                                | 3883     | 257                                                              | 199 | 273          | 212 |
| 5 x 150                                                                                                                                                                              | 56.1                                             | 9457                                | 4755     | 299                                                              | 232 | 312          | 242 |
| 5 x 185                                                                                                                                                                              | 61.1                                             | 11334                               | 5542     | 349                                                              | 271 | 352          | 273 |
| 5 x 240                                                                                                                                                                              | 80.5                                             | 15290                               | 6951     | 417                                                              | 323 | 412          | 319 |
| 5 x 300                                                                                                                                                                              | 89.1                                             | 20495                               | 8756     | 465                                                              | 361 | 447          | 347 |
| 4x4+1x2.5                                                                                                                                                                            | 19.0                                             | 522                                 | 408      | 30                                                               | 23  | 40           | 31  |
| 4x6+1x4                                                                                                                                                                              | 20.6                                             | 656                                 | 483      | 38                                                               | 30  | 49           | 38  |
| 4x10+1x6                                                                                                                                                                             | 23.6                                             | 926                                 | 633      | 54                                                               | 42  | 68           | 53  |
| 4x16+1x10                                                                                                                                                                            | 26.7                                             | 1285                                | 805      | 73                                                               | 57  | 90           | 70  |
| 4x25+1x16                                                                                                                                                                            | 30.8                                             | 1854                                | 1104     | 98                                                               | 76  | 116          | 90  |
| 4x35+1x16                                                                                                                                                                            | 34.5                                             | 2680                                | 1682     | 116                                                              | 90  | 142          | 110 |
| 4x50+1x25                                                                                                                                                                            | 39.2                                             | 3605                                | 2177     | 148                                                              | 115 | 173          | 134 |
| 4x70+1x35                                                                                                                                                                            | 39.4                                             | 4419                                | 2432     | 183                                                              | 142 | 203          | 157 |
| 4x95+1x50                                                                                                                                                                            | 44.6                                             | 5776                                | 3079     | 220                                                              | 171 | 244          | 189 |
| 4x120+1x70                                                                                                                                                                           | 48.2                                             | 7062                                | 3619     | 257                                                              | 199 | 273          | 212 |
| 4x150+1x70                                                                                                                                                                           | 53.2                                             | 8525                                | 4335     | 299                                                              | 232 | 312          | 242 |
| 4x185+1x95                                                                                                                                                                           | 58.2                                             | 10417                               | 5191     | 349                                                              | 271 | 352          | 273 |
| 4x240+1x120                                                                                                                                                                          | 64.9                                             | 13112                               | 6360     | 417                                                              | 323 | 412          | 319 |
| 4x300+1x150                                                                                                                                                                          | 69.0                                             | 14992                               | 6563     | 465                                                              | 361 | 447          | 347 |
| 3x4+2x2.5                                                                                                                                                                            | 18.5                                             | 495                                 | 390      | 30                                                               | 23  | 40           | 31  |
| 3x6+2x4                                                                                                                                                                              | 20.3                                             | 630                                 | 470      | 38                                                               | 30  | 49           | 38  |
| 3x10+2x6                                                                                                                                                                             | 23.1                                             | 867                                 | 601      | 54                                                               | 42  | 68           | 53  |
| 3x16+2x10                                                                                                                                                                            | 26.1                                             | 1260                                | 785      | 73                                                               | 57  | 90           | 70  |
| 3x25+2x16                                                                                                                                                                            | 29.9                                             | 1740                                | 1046     | 98                                                               | 76  | 116          | 90  |
| 3x35+2x16                                                                                                                                                                            | 33.0                                             | 2434                                | 1554     | 116                                                              | 90  | 142          | 110 |
| 3x50+2x25                                                                                                                                                                            | 37.7                                             | 3303                                | 2027     | 148                                                              | 115 | 173          | 134 |
| 3x70+2x35                                                                                                                                                                            | 39.3                                             | 4076                                | 2303     | 183                                                              | 142 | 203          | 157 |
| 3x95+2x50                                                                                                                                                                            | 44.6                                             | 5330                                | 2904     | 220                                                              | 171 | 244          | 189 |
| 3x120+2x70                                                                                                                                                                           | 48.0                                             | 6551                                | 3418     | 257                                                              | 199 | 273          | 212 |
| 3x150+2x70                                                                                                                                                                           | 53.0                                             | 7708                                | 4006     | 299                                                              | 232 | 312          | 242 |
| 3x185+2x95                                                                                                                                                                           | 57.5                                             | 9478                                | 4812     | 349                                                              | 271 | 352          | 273 |
| 3x240+2x120                                                                                                                                                                          | 64.9                                             | 11899                               | 5896     | 417                                                              | 323 | 412          | 319 |
| 3x300+2x150                                                                                                                                                                          | 68.4                                             | 13765                               | 6269     | 465                                                              | 361 | 447          | 347 |
| 注：单芯电缆铠装应采用非磁性材料或减少磁损耗的结构。<br>Note: For single-core armored power cable, non-magnetic material is used as armor layer or cable construction which can reduce magnet loss is adopted. |                                                  |                                     |          |                                                                  |     |              |     |

| 电压等级(Voltage class): 0.6/1kV                                                          |                                                  |                                     |          | 型号 (Mode) : VV32, VLV32                                          |     |              |     |
|---------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------|----------|------------------------------------------------------------------|-----|--------------|-----|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference Weight<br>(kg/km) |          | 环境温度25℃时允许载流量<br>Rated Ampacity at Ambient Temperature of 25℃(A) |     |              |     |
|                                                                                       |                                                  |                                     |          | 在空气中 In air                                                      |     | 在土壤中 In soil |     |
|                                                                                       |                                                  | 铜芯<br>Cu                            | 铝芯<br>Al | 铜Cu                                                              | 铝Al | 铜Cu          | 铝Al |
| 2 x 4                                                                                 | 16.5                                             | 463                                 | 413      | 44                                                               | 35  | 48           | 36  |
| 2 x 6                                                                                 | 17.5                                             | 551                                 | 476      | 52                                                               | 40  | 58           | 45  |
| 2 x 10                                                                                | 19.5                                             | 714                                 | 588      | 62                                                               | 55  | 80           | 62  |
| 2 x 16                                                                                | 22.2                                             | 911                                 | 710      | 81                                                               | 74  | 107          | 83  |
| 2 x 25                                                                                | 25.6                                             | 1358                                | 1040     | 112                                                              | 97  | 135          | 105 |
| 2 x 35                                                                                | 27.6                                             | 1640                                | 1199     | 134                                                              | 113 | 175          | 136 |
| 2 x 50                                                                                | 32.0                                             | 2113                                | 1515     | 151                                                              | 137 | 202          | 157 |
| 2 x 70                                                                                | 30.2                                             | 2592                                | 1680     | 192                                                              | 162 | 237          | 184 |
| 2 x 95                                                                                | 33.9                                             | 3254                                | 2017     | 249                                                              | 187 | 290          | 225 |
| 2 x 120                                                                               | 36.2                                             | 3903                                | 2340     | 288                                                              | 225 | 328          | 254 |
| 2 x 150                                                                               | 40.5                                             | 4985                                | 3032     | 322                                                              | 261 | 370          | 287 |
| 2 x 185                                                                               | 43.9                                             | 5923                                | 3514     | 372                                                              | 289 | 438          | 328 |
| 3 x 4                                                                                 | 17.2                                             | 538                                 | 463      | 30                                                               | 23  | 40           | 31  |
| 3 x 6                                                                                 | 18.3                                             | 638                                 | 525      | 38                                                               | 30  | 49           | 38  |
| 3 x 10                                                                                | 21.1                                             | 848                                 | 658      | 54                                                               | 42  | 68           | 53  |
| 3 x 16                                                                                | 23.3                                             | 1208                                | 906      | 73                                                               | 57  | 90           | 70  |
| 3 x 25                                                                                | 27.0                                             | 1672                                | 1194     | 98                                                               | 76  | 116          | 90  |
| 3 x 35                                                                                | 29.3                                             | 2058                                | 1395     | 116                                                              | 90  | 142          | 110 |
| 3 x 50                                                                                | 34.7                                             | 2698                                | 1801     | 148                                                              | 115 | 173          | 134 |
| 3 x 70                                                                                | 34.6                                             | 3268                                | 1901     | 183                                                              | 142 | 203          | 157 |
| 3 x 95                                                                                | 38.6                                             | 4215                                | 2359     | 220                                                              | 171 | 244          | 189 |
| 3 x 120                                                                               | 42.7                                             | 5110                                | 2766     | 247                                                              | 189 | 273          | 212 |
| 3 x 150                                                                               | 46.9                                             | 6501                                | 3571     | 289                                                              | 222 | 312          | 242 |
| 3 x 185                                                                               | 51.2                                             | 7804                                | 4191     | 339                                                              | 261 | 352          | 273 |
| 3 x 240                                                                               | 57.3                                             | 9991                                | 5205     | 397                                                              | 313 | 392          | 319 |
| 3 x 300                                                                               | 62.5                                             | 11926                               | 6066     | 455                                                              | 341 | 447          | 347 |
| 4 x 4                                                                                 | 18.3                                             | 621                                 | 521      | 30                                                               | 23  | 40           | 31  |
| 4 x 6                                                                                 | 19.5                                             | 745                                 | 595      | 38                                                               | 30  | 49           | 38  |
| 4 x 10                                                                                | 22.6                                             | 1009                                | 755      | 54                                                               | 42  | 68           | 53  |
| 4 x 16                                                                                | 25.1                                             | 1450                                | 1048     | 73                                                               | 57  | 90           | 70  |
| 4 x 25                                                                                | 29.4                                             | 2016                                | 1379     | 98                                                               | 76  | 116          | 90  |
| 4 x 35                                                                                | 32.8                                             | 2529                                | 1646     | 116                                                              | 90  | 142          | 110 |
| 4 x 50                                                                                | 37.8                                             | 3537                                | 2341     | 148                                                              | 115 | 173          | 134 |
| 4 x 70                                                                                | 39.7                                             | 4235                                | 2412     | 183                                                              | 142 | 203          | 157 |
| 4 x 95                                                                                | 45.3                                             | 5471                                | 2996     | 220                                                              | 171 | 244          | 189 |
| 4 x 120                                                                               | 48.9                                             | 6956                                | 3831     | 257                                                              | 199 | 273          | 212 |
| 4 x 150                                                                               | 53.2                                             | 8413                                | 4506     | 299                                                              | 232 | 312          | 242 |
| 4 x 185                                                                               | 58.6                                             | 10160                               | 5342     | 349                                                              | 271 | 352          | 273 |
| 4 x 240                                                                               | 65.4                                             | 12976                               | 6596     | 417                                                              | 323 | 412          | 319 |
| 4 x 300                                                                               | 73.4                                             | 15598                               | 7785     | 465                                                              | 361 | 447          | 347 |
| 4 x 400                                                                               | 90.2                                             | 21386                               | 9863     | 547                                                              | 432 | 529          | 412 |
| 3x4+1x2.5                                                                             | 17.8                                             | 591                                 | 500      | 30                                                               | 23  | 40           | 31  |
| 3x6+1x4                                                                               | 19.2                                             | 722                                 | 584      | 38                                                               | 30  | 49           | 38  |
| 3x10+1x6                                                                              | 22.0                                             | 951                                 | 723      | 54                                                               | 42  | 68           | 53  |
| 3x16+1x10                                                                             | 24.5                                             | 1369                                | 1004     | 73                                                               | 57  | 90           | 70  |
| 3x25+1x16                                                                             | 28.3                                             | 1876                                | 1298     | 98                                                               | 76  | 116          | 90  |
| 3x35+1x16                                                                             | 30.2                                             | 2272                                | 1509     | 116                                                              | 90  | 142          | 110 |
| 3x50+1x 25                                                                            | 36.1                                             | 3028                                | 1972     | 148                                                              | 115 | 173          | 134 |
| 3x70+1x35                                                                             | 39.7                                             | 3910                                | 2322     | 193                                                              | 142 | 203          | 157 |
| 3x95+1x50                                                                             | 44.2                                             | 5024                                | 2869     | 220                                                              | 171 | 244          | 189 |
| 3x120+1x70                                                                            | 48.9                                             | 6435                                | 3659     | 257                                                              | 199 | 273          | 212 |
| 3x150+1x70                                                                            | 53.2                                             | 7571                                | 4209     | 299                                                              | 232 | 312          | 242 |
| 3x185+1x95                                                                            | 58.6                                             | 9229                                | 5017     | 349                                                              | 271 | 352          | 273 |
| 3x240+1x120                                                                           | 65.4                                             | 11672                               | 6129     | 417                                                              | 323 | 412          | 319 |
| 3x300+1x150                                                                           | 72.0                                             | 13378                               | 6919     | 465                                                              | 361 | 447          | 347 |
| 3x400+1x185                                                                           | 88.6                                             | 19068                               | 6973     | 545                                                              | 423 | 549          | 412 |
| 5 x 4                                                                                 | 19.5                                             | 704                                 | 579      | 30                                                               | 23  | 40           | 31  |
| 5 x 6                                                                                 | 21.6                                             | 854                                 | 667      | 38                                                               | 30  | 49           | 38  |
| 5 x 10                                                                                | 24.3                                             | 1273                                | 956      | 54                                                               | 42  | 68           | 53  |
| 5 x 16                                                                                | 27.0                                             | 1677                                | 1175     | 73                                                               | 57  | 90           | 70  |

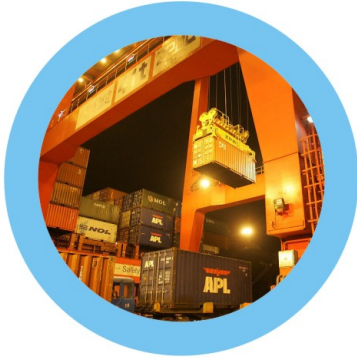


| 电压等级(Voltage class): 0.6/1kV                                                                       |                                                  |                                     |          | 型号 (Mode) : VV22, VLV22                                          |     |              |     |
|----------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------|----------|------------------------------------------------------------------|-----|--------------|-----|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm <sup>2</sup> ) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference Weight<br>(kg/km) |          | 环境温度25℃时允许载流量<br>Rated Ampacity at Ambient Temperature of 25℃(A) |     |              |     |
|                                                                                                    |                                                  |                                     |          | 在空气中 In air                                                      |     | 在土壤中 In soil |     |
|                                                                                                    |                                                  | 铜芯<br>Cu                            | 铝芯<br>Al | 铜Cu                                                              | 铝Al | 铜Cu          | 铝Al |
| 5×25                                                                                               | 31.9                                             | 2404                                | 1607     | 98                                                               | 76  | 116          | 90  |
| 5×35                                                                                               | 36.3                                             | 3304                                | 2200     | 116                                                              | 90  | 142          | 110 |
| 5×50                                                                                               | 41.2                                             | 4234                                | 2738     | 148                                                              | 115 | 173          | 134 |
| 5×70                                                                                               | 42.7                                             | 5118                                | 2839     | 183                                                              | 142 | 203          | 157 |
| 5×95                                                                                               | 48.2                                             | 6969                                | 3876     | 220                                                              | 171 | 244          | 189 |
| 5×120                                                                                              | 51.4                                             | 8423                                | 4516     | 257                                                              | 199 | 273          | 212 |
| 5×150                                                                                              | 56.8                                             | 10291                               | 5407     | 299                                                              | 232 | 312          | 242 |
| 5×185                                                                                              | 61.9                                             | 12375                               | 6353     | 349                                                              | 271 | 352          | 273 |
| 5×240                                                                                              | 82.5                                             | 16350                               | 7862     | 417                                                              | 323 | 412          | 319 |
| 5×300                                                                                              | 91.0                                             | 22053                               | 9686     | 465                                                              | 361 | 447          | 347 |
| 3×4+2×2.5                                                                                          | 18.5                                             | 651                                 | 544      | 30                                                               | 23  | 40           | 31  |
| 3×6+2×4                                                                                            | 21.0                                             | 796                                 | 632      | 38                                                               | 30  | 49           | 38  |
| 3×10+2×6                                                                                           | 23.2                                             | 1145                                | 880      | 54                                                               | 42  | 68           | 53  |
| 3×16+2×10                                                                                          | 25.9                                             | 1519                                | 1091     | 73                                                               | 57  | 90           | 70  |
| 3×25+2×16                                                                                          | 29.9                                             | 2133                                | 1454     | 98                                                               | 76  | 116          | 90  |
| 3×35+2×16                                                                                          | 31.4                                             | 2565                                | 1701     | 116                                                              | 90  | 142          | 110 |
| 3×50+2×25                                                                                          | 38.1                                             | 3618                                | 2403     | 148                                                              | 115 | 173          | 134 |
| 3×70+2×35                                                                                          | 43.1                                             | 4590                                | 2781     | 183                                                              | 142 | 203          | 157 |
| 3×95+2×50                                                                                          | 49.7                                             | 6176                                | 3722     | 220                                                              | 171 | 244          | 189 |
| 3×120+2×70                                                                                         | 53.6                                             | 7591                                | 4382     | 257                                                              | 199 | 273          | 212 |
| 3×150+2×70                                                                                         | 59.3                                             | 8896                                | 5102     | 299                                                              | 232 | 312          | 242 |
| 3×185+2×95                                                                                         | 64.7                                             | 10816                               | 6004     | 349                                                              | 271 | 352          | 273 |
| 3×240+2×120                                                                                        | 71.1                                             | 13440                               | 7140     | 417                                                              | 323 | 412          | 319 |
| 3×300+2×150                                                                                        | 86.6                                             | 16696                               | 8975     | 465                                                              | 361 | 447          | 347 |
| 4+1×2.5                                                                                            | 19.0                                             | 677                                 | 466      | 30                                                               | 23  | 40           | 31  |
| 4×6+1×4                                                                                            | 21.3                                             | 827                                 | 651      | 38                                                               | 30  | 49           | 38  |
| 4×10+1×6                                                                                           | 23.7                                             | 1208                                | 917      | 54                                                               | 42  | 68           | 53  |
| 4×16+1×10                                                                                          | 26.4                                             | 1598                                | 1133     | 73                                                               | 57  | 90           | 70  |
| 4×25+1×16                                                                                          | 30.9                                             | 2268                                | 1531     | 98                                                               | 76  | 116          | 90  |
| 4×35+1×16                                                                                          | 34.7                                             | 2837                                | 1853     | 116                                                              | 90  | 142          | 110 |
| 4×50+1×25                                                                                          | 39.6                                             | 3926                                | 2570     | 148                                                              | 115 | 173          | 134 |
| 4×70+1×35                                                                                          | 43.1                                             | 4898                                | 2854     | 183                                                              | 142 | 203          | 157 |
| 4×95+1×50                                                                                          | 49.7                                             | 6594                                | 3795     | 220                                                              | 171 | 244          | 189 |
| 4×120+1×70                                                                                         | 53.6                                             | 8022                                | 4441     | 257                                                              | 199 | 273          | 212 |
| 4×150+1×70                                                                                         | 58.2                                             | 9620                                | 5257     | 299                                                              | 232 | 312          | 242 |
| 4×185+1×95                                                                                         | 64.7                                             | 11580                               | 6143     | 349                                                              | 271 | 352          | 273 |
| 4×240+1×120                                                                                        | 71.1                                             | 14561                               | 7423     | 417                                                              | 323 | 412          | 319 |
| 4×300+1×150                                                                                        | 86.6                                             | 18953                               | 10210    | 465                                                              | 361 | 447          | 347 |

注：单芯电缆铠装应采用非磁性材料或减少磁损耗的结构。  
Note: For single-core armored power cable, non-magnetic material is used as armor layer or cable construction which can reduce magnet loss is adopted.



3.6/6~26/35kV  
交联聚乙烯绝缘电力电缆  
3.6/6-26/35kV XLPE  
INSULATED POWER CABLE





3.6/6~26/35kV交联聚乙烯绝缘电力电缆

(含阻燃型、无卤低烟阻燃型)

3.6/6-26/35kV XLPE INSULATED POWER CABLE

(Including flame retardant power cable, and halogen-free, low smoke and flame retardant power cable)

产品执行标准

- 执行GB/T12706-2008和IEC60502标准。对于阻燃型、低卤低烟阻燃型、无卤低烟阻燃型系列电力电缆，还要执行GB/T19666-2005。  
GB/T12706-2008 and IEC60502 standards are applied. For flame retardant power cable, low halogen, low smoke and flame retardant cable, and halogen-free, low smoke and flame retardant power cable, it is also required to comply with GB/T19666-2005.
- 还可根据用户的技术要求设计和制造。  
In addition, we can design and manufacture cable products according to customer's technical specifications and requirements.

用途 Application

本产品主要适用于额定电压U<sub>0</sub>/U为3.6/6~26/35kV的供电线路。阻燃型电缆适用于电缆敷设程度较高且有阻燃性能要求的场合。  
This product is mainly designed for transmission and distribution lines with rated voltage U<sub>0</sub>/U from 3.6/6kV to 26/35kV. Flame retardant power cable is suitable for places with special demands of flame retardant property where cable is laid tightly.  
U<sub>0</sub>-电缆设计用的导体与屏蔽或金属套之间的额定工频电压。  
U<sub>0</sub>-rated power frequency voltage between conductor and shield or metallic sheath when cable is designed.  
U-电缆设计用的导体之间的额定工频电压。  
U-rated power frequency voltage between conductors when cable is designed.

型号及名称 Model number and name

| 型 号<br>Model number | 名 称 Name                                                                                                                   |
|---------------------|----------------------------------------------------------------------------------------------------------------------------|
| YJV(YJLV)           | 铜（铝）芯交联聚乙烯绝缘聚氯乙烯护套电力电缆<br>Copper (aluminum) core XLPE insulated and PVC sheathed power cable                               |
| YJY(YJLY)           | 铜（铝）芯交联聚乙烯绝缘聚乙烯护套电力电缆<br>Copper (aluminum) core XLPE insulated and PE sheathed power cable                                 |
| YJV22(YJLV22)       | 铜（铝）芯交联聚乙烯绝缘钢带铠装聚氯乙烯护套电力电缆<br>Copper (aluminum) core XLPE insulated, steel tape armored and PVC sheathed power cable       |
| YJV23(YJLV23)       | 铜（铝）芯交联聚乙烯绝缘钢带铠装聚乙烯护套电力电缆<br>Copper (aluminum) core XLPE insulated, steel tape armored and PE sheathed power cable         |
| YJV32(YJLV32)       | 铜（铝）芯交联聚乙烯绝缘细钢丝铠装聚氯乙烯护套电力电缆<br>Copper (aluminum) core XLPE insulated, fine steel wire armored and PVC sheathed power cable |
| YJV33(YJLV33)       | 铜（铝）芯交联聚乙烯绝缘细钢丝铠装聚乙烯护套电力电缆<br>Copper (aluminum) core XLPE insulated, fine steel wire armored and PE sheathed power cable   |

- 注：(Notes:)
1. 阻燃型电缆型号在普通型前加“ZA、ZB、ZC”，如ZA-YJV、ZB-YJV22。  
For common flame retardant cable, add “ZA”, “ZB” or “ZC” before the standard model number of power cable, e.g., ZA-YJV, ZB-YJV22.
  2. 无卤低烟阻燃型电缆型号为WD ZA-YJY, WD ZB-YJLY, WD ZC-YJY23, WD ZA-YJLY23。  
For halogen-free, low smoke and flame retardant cable, add “WD” before the model number of common power cable, e.g., WD ZA-YJY, WD ZB-YJLY, WD ZC-YJY23 and WD ZA-YJLY23.

主要技术指标 Main Technical Data

- 直流电阻：在20℃时导体最大直流电阻(单位：Ω/km)  
DC resistance: maximum DC resistance of conductor at 20℃ (unit: Ω/km).

| 标称截面<br>Nominal Cross-sectional Area (mm <sup>2</sup> ) | 25    | 35    | 50    | 70    | 95    | 120   | 150   |
|---------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|
| 铜 Cu                                                    | 0.727 | 0.524 | 0.387 | 0.268 | 0.193 | 0.153 | 0.124 |
| 铝 Al                                                    | 1.200 | 0.868 | 0.641 | 0.443 | 0.320 | 0.253 | 0.206 |
- 标称截面  
Nominal Cross-sectional Area (mm<sup>2</sup>)

|      | 185    | 240    | 300    | 400    | 500    | 630    | 800    |
|------|--------|--------|--------|--------|--------|--------|--------|
| 铜 Cu | 0.0991 | 0.0754 | 0.0601 | 0.0470 | 0.0366 | 0.0283 | 0.0221 |
| 铝 Al | 0.164  | 0.125  | 0.100  | 0.0778 | 0.0605 | 0.0469 | 0.0367 |
- 1.73 U<sub>0</sub>下局部放电试验（单位：pC）  
在1.73U<sub>0</sub>下，无任何超过声明灵敏度的可检测到的放电。  
Partial discharge test at 1.73 times U<sub>0</sub> (unit: pC):  
In 1.73U<sub>0</sub>, no more than the statement sensitivity can be detected by the discharge.
- 电压试验 Voltage test  
工频试验电压3.5 U<sub>0</sub>，时间5min，绝缘应无击穿（适用于3.6/6kV~26/35kV）  
Under rated power frequency voltage 3.5U<sub>0</sub> for a test period of 5 minutes, insulation shall not be breakdown (applicable voltage: 3.6/6kV~26/35kV).

电缆运行状态及参数 Operating Conditions and Parameters of Cable

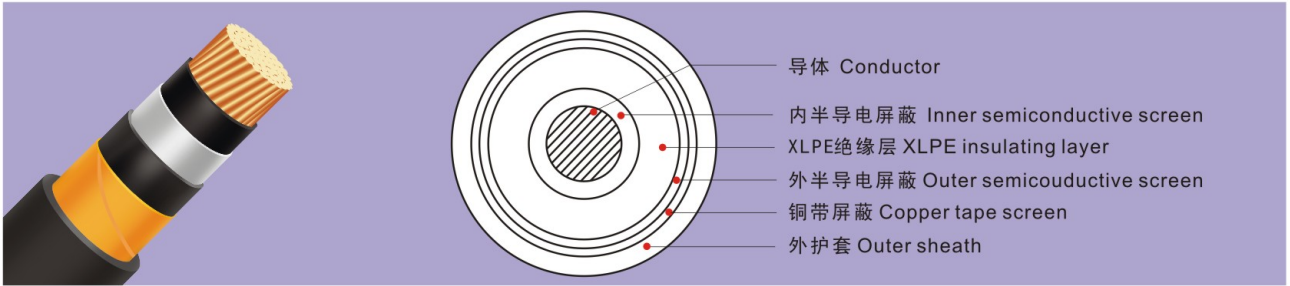
- 导体最高工作温度：90℃  
Max. Conductor operating temperature: 90℃.
- 短路（持续时间最长不超过5秒）温度：≥250℃  
Short circuit temperature (continuing for not more than 5s): ≥250℃.
- 土壤热阻系数:1.0℃.m/W.  
Thermal resistivity of soil: 1.0℃.m/W.
- 电缆直埋深度：距地面1m  
Depth of burial of buried cable: 1 meter to the ground.
- 交联聚乙烯热阻系数:3.5℃.m/W  
Thermal resistivity of XLPE: 3.5℃.m/W
- 聚氯乙烯热阻系数:6℃.m/W  
Thermal resistivity of PVC: 7℃.m/W
- 聚乙烯热阻系数:3.5℃.m/W  
Thermal resistivity of PE: 3.5℃.m/W
- 电缆运行时的最小弯曲半径为10D（D：电缆的外径）  
Minimum bending radius of cable under operating state shall be 10D (D: outside diameter of cable)

空气中载流量校正系数  
Correction factors of ampacity in air at different temperatures

| 环境温度<br>Ambient temperature | 20℃  | 25℃  | 30℃   | 35℃   | 40℃   | 45℃   |
|-----------------------------|------|------|-------|-------|-------|-------|
| 校正系数<br>Correction factors  | 1.04 | 1.00 | 0.954 | 0.905 | 0.853 | 0.798 |

3.6/6kV~26/35kV XLPE绝缘电力电缆结构示意图  
Structural schematic diagram of XLPE insulated power cable with rated voltage of 3.6/6kV~ 26/35kV

单芯电缆 Single-core power cable

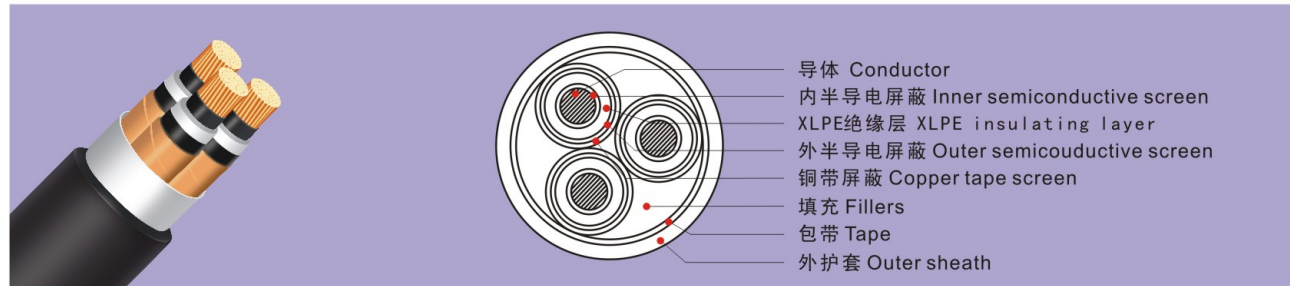




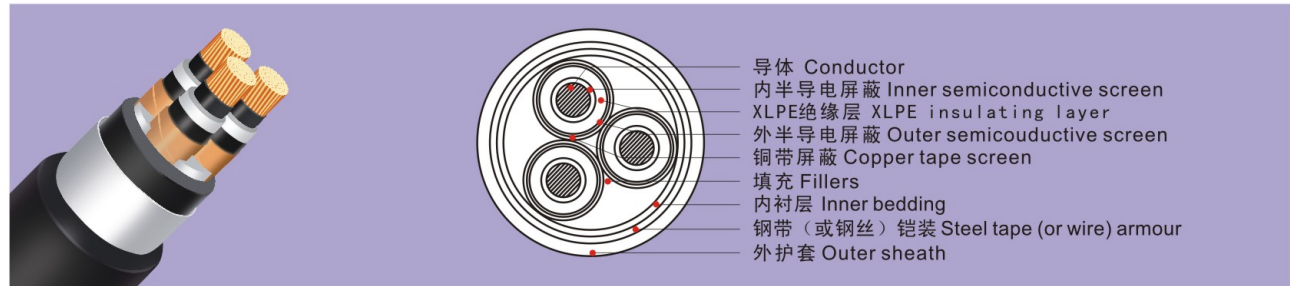
3. 6/6kV~26/35kV XLPE绝缘电力电缆结构示意图

Structural schematic diagram of XLPE insulated power cable with rated voltage of 3.6/6kV~ 26/35kV

三芯电缆 Three-core power cable



三芯铠装电缆 Three-core armored power cable



产品参数 Parameter of products

| 电压等级(Voltage class): 3.6/6kV                                                          |                                         |                                                  | 型号 (Mode) : YJV、YJLV                |          |                                      |     |              |     |
|---------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------|-------------------------------------|----------|--------------------------------------|-----|--------------|-----|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 绝缘厚度<br>Insulation<br>Thickness<br>(mm) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference Weight<br>(kg/km) |          | 推荐载流量<br>Recommended Ampacity<br>(A) |     |              |     |
|                                                                                       |                                         |                                                  |                                     |          | 在空气中 In air                          |     | 在土壤中 In soil |     |
|                                                                                       |                                         |                                                  | 铜芯<br>Cu                            | 铝芯<br>Al | 铜Cu                                  | 铝Al | 铜Cu          | 铝Al |
| 1 x 25                                                                                | 2.5                                     | 19                                               | 555                                 | 401      | 170                                  | 130 | 170          | 135 |
| 1 x 35                                                                                | 2.5                                     | 20                                               | 672                                 | 455      | 205                                  | 165 | 205          | 165 |
| 1 x 50                                                                                | 2.5                                     | 22                                               | 877                                 | 525      | 245                                  | 193 | 238          | 183 |
| 1 x 70                                                                                | 2.5                                     | 23                                               | 1060                                | 627      | 305                                  | 245 | 295          | 235 |
| 1 x 95                                                                                | 2.5                                     | 25                                               | 1326                                | 737      | 365                                  | 295 | 345          | 275 |
| 1 x 120                                                                               | 2.5                                     | 26                                               | 1583                                | 839      | 425                                  | 335 | 385          | 310 |
| 1 x 150                                                                               | 2.5                                     | 28                                               | 1899                                | 965      | 490                                  | 380 | 419          | 343 |
| 1 x 185                                                                               | 2.5                                     | 30                                               | 2251                                | 1101     | 560                                  | 435 | 465          | 380 |
| 1 x 240                                                                               | 2.6                                     | 32                                               | 2811                                | 1327     | 665                                  | 515 | 529          | 433 |
| 1 x 300                                                                               | 2.8                                     | 35                                               | 3448                                | 1588     | 765                                  | 595 | 580          | 480 |
| 1 x 400                                                                               | 3.0                                     | 38                                               | 4447                                | 1965     | 890                                  | 695 | 650          | 550 |
| 1 x 500                                                                               | 3.2                                     | 44                                               | 5600                                | 2499     | 1030                                 | 810 | 708          | 608 |
| 3 x 25                                                                                | 2.5                                     | 36                                               | 1598                                | 1135     | 135                                  | 105 | 135          | 105 |
| 3 x 35                                                                                | 2.5                                     | 38                                               | 1962                                | 1310     | 165                                  | 130 | 165          | 120 |
| 3 x 50                                                                                | 2.5                                     | 41                                               | 2595                                | 1539     | 195                                  | 155 | 200          | 160 |
| 3 x 70                                                                                | 2.5                                     | 45                                               | 3164                                | 1863     | 240                                  | 200 | 240          | 190 |
| 3 x 95                                                                                | 2.5                                     | 49                                               | 3985                                | 2216     | 290                                  | 220 | 290          | 225 |
| 3 x 120                                                                               | 2.5                                     | 52                                               | 4779                                | 2548     | 330                                  | 255 | 320          | 250 |
| 3 x 150                                                                               | 2.5                                     | 56                                               | 5758                                | 2956     | 375                                  | 290 | 370          | 285 |
| 3 x 185                                                                               | 2.5                                     | 60                                               | 6847                                | 3396     | 425                                  | 325 | 410          | 320 |
| 3 x 240                                                                               | 2.6                                     | 65                                               | 8558                                | 4106     | 500                                  | 390 | 480          | 375 |
| 3 x 300                                                                               | 2.8                                     | 72                                               | 10502                               | 4923     | 570                                  | 440 | 550          | 425 |

注：单芯电缆扁平排列（相邻间距等于电缆外径）

Note: When single core cables are parallelly placed in a flat way, the distance between the centers of two adjacent cables is the outside diameter of cable.

| 电压等级(Voltage class): 3.6/6kV                                                          |                                         |                                                  | 型号 (Mode) : YJV22、YJLV22            |          |                                      |     |              |     |
|---------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------|-------------------------------------|----------|--------------------------------------|-----|--------------|-----|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 绝缘厚度<br>Insulation<br>Thickness<br>(mm) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference Weight<br>(kg/km) |          | 推荐载流量<br>Recommended Ampacity<br>(A) |     |              |     |
|                                                                                       |                                         |                                                  |                                     |          | 在空气中 In air                          |     | 在土壤中 In soil |     |
|                                                                                       |                                         |                                                  | 铜芯<br>Cu                            | 铝芯<br>Al | 铜Cu                                  | 铝Al | 铜Cu          | 铝Al |
| 3 x 25                                                                                | 2.5                                     | 40                                               | 2441                                | 1978     | 130                                  | 100 | 135          | 105 |
| 3 x 35                                                                                | 2.5                                     | 43                                               | 2856                                | 2205     | 160                                  | 120 | 165          | 125 |
| 3 x 50                                                                                | 2.5                                     | 46                                               | 3580                                | 2524     | 190                                  | 155 | 195          | 160 |
| 3 x 70                                                                                | 2.5                                     | 50                                               | 4262                                | 2962     | 240                                  | 200 | 235          | 190 |
| 3 x 95                                                                                | 2.5                                     | 54                                               | 5169                                | 3400     | 285                                  | 220 | 280          | 210 |
| 3 x 120                                                                               | 2.5                                     | 57                                               | 6066                                | 3835     | 325                                  | 250 | 320          | 245 |
| 3 x 150                                                                               | 2.5                                     | 61                                               | 7132                                | 4330     | 360                                  | 290 | 355          | 280 |
| 3 x 185                                                                               | 2.5                                     | 65                                               | 8339                                | 4889     | 415                                  | 315 | 395          | 310 |
| 3 x 240                                                                               | 2.6                                     | 71                                               | 10218                               | 5765     | 490                                  | 375 | 470          | 370 |
| 3 x 300                                                                               | 2.8                                     | 77                                               | 12347                               | 6767     | 560                                  | 430 | 530          | 420 |

| 电压等级(Voltage class): 3.6/6kV                                                          |                                         |                                                  | 型号 (Mode) : YJV32、YJLV32            |          |                                      |     |              |     |
|---------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------|-------------------------------------|----------|--------------------------------------|-----|--------------|-----|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 绝缘厚度<br>Insulation<br>Thickness<br>(mm) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference Weight<br>(kg/km) |          | 推荐载流量<br>Recommended Ampacity<br>(A) |     |              |     |
|                                                                                       |                                         |                                                  |                                     |          | 在空气中 In air                          |     | 在土壤中 In soil |     |
|                                                                                       |                                         |                                                  | 铜芯<br>Cu                            | 铝芯<br>Al | 铜Cu                                  | 铝Al | 铜Cu          | 铝Al |
| 3 x 25                                                                                | 2.5                                     | 45                                               | 4026                                | 3563     | 130                                  | 100 | 135          | 105 |
| 3 x 35                                                                                | 2.5                                     | 47                                               | 4527                                | 6876     | 160                                  | 120 | 165          | 125 |
| 3 x 50                                                                                | 2.5                                     | 50                                               | 5279                                | 4224     | 190                                  | 155 | 195          | 160 |
| 3 x 70                                                                                | 2.5                                     | 54                                               | 6098                                | 4798     | 240                                  | 200 | 235          | 190 |
| 3 x 95                                                                                | 2.5                                     | 58                                               | 7107                                | 5338     | 285                                  | 220 | 280          | 210 |
| 3 x 120                                                                               | 2.5                                     | 61                                               | 8071                                | 5839     | 325                                  | 250 | 320          | 245 |
| 3 x 150                                                                               | 2.5                                     | 65                                               | 9240                                | 6437     | 360                                  | 290 | 355          | 280 |
| 3 x 185                                                                               | 2.5                                     | 71                                               | 11497                               | 8047     | 415                                  | 315 | 395          | 310 |
| 3 x 240                                                                               | 2.6                                     | 76                                               | 13611                               | 9159     | 490                                  | 375 | 470          | 370 |
| 3 x 300                                                                               | 2.8                                     | 83                                               | 15785                               | 10206    | 560                                  | 430 | 530          | 420 |

| 电压等级(Voltage class): 6/6kV, 6/10kV                                                    |                                         |                                                  |                                     |          |                                      |     |              |     |
|---------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------|-------------------------------------|----------|--------------------------------------|-----|--------------|-----|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 绝缘厚度<br>Insulation<br>Thickness<br>(mm) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference Weight<br>(kg/km) |          | 推荐载流量<br>Recommended Ampacity<br>(A) |     |              |     |
|                                                                                       |                                         |                                                  |                                     |          | 在空气中 In air                          |     | 在土壤中 In soil |     |
|                                                                                       |                                         |                                                  | 铜芯<br>Cu                            | 铝芯<br>Al | 铜Cu                                  | 铝Al | 铜Cu          | 铝Al |
| 1 x 25                                                                                | 3.4                                     | 20                                               | 605                                 | 451      | 170                                  | 130 | 170          | 135 |
| 1 x 35                                                                                | 3.4                                     | 21                                               | 723                                 | 506      | 205                                  | 165 | 205          | 165 |
| 1 x 50                                                                                | 3.4                                     | 22                                               | 931                                 | 579      | 245                                  | 193 | 238          | 183 |
| 1 x 70                                                                                | 3.4                                     | 24                                               | 1112                                | 678      | 305                                  | 245 | 295          | 235 |
| 1 x 95                                                                                | 3.4                                     | 25                                               | 1381                                | 791      | 365                                  | 295 | 345          | 275 |
| 1 x 120                                                                               | 3.4                                     | 27                                               | 1640                                | 896      | 425                                  | 335 | 385          | 310 |
| 1 x 150                                                                               | 3.4                                     | 28                                               | 1959                                | 1024     | 490                                  | 380 | 419          | 343 |
| 1 x 185                                                                               | 3.4                                     | 30                                               | 2327                                | 1176     | 560                                  | 435 | 465          | 380 |
| 1 x 240                                                                               | 3.4                                     | 32                                               | 2885                                | 1402     | 665                                  | 515 | 529          | 433 |
| 1 x 300                                                                               | 3.4                                     | 35                                               | 3485                                | 1625     | 765                                  | 595 | 580          | 480 |
| 1 x 400                                                                               | 3.4                                     | 38                                               | 4479                                | 1997     | 890                                  | 695 | 650          | 550 |
| 1 x 500                                                                               | 3.4                                     | 43                                               | 5488                                | 2393     | 1030                                 | 810 | 708          | 608 |
| 3 x 25                                                                                | 3.4                                     | 40                                               | 1877                                | 1414     | 135                                  | 105 | 135          | 105 |
| 3 x 35                                                                                | 3.4                                     | 42                                               | 2267                                | 1614     | 165                                  | 130 | 165          | 120 |
| 3 x 50                                                                                | 3.4                                     | 46                                               | 2947                                | 1890     | 195                                  | 155 | 200          | 160 |
| 3 x 70                                                                                | 3.4                                     | 49                                               | 3572                                | 2270     | 240                                  | 200 | 240          | 190 |
| 3 x 95                                                                                | 3.4                                     | 53                                               | 4447                                | 2676     | 290                                  | 220 | 290          | 225 |
| 3 x 120                                                                               | 3.4                                     | 56                                               | 5298                                | 3066     | 330                                  | 255 | 320          | 250 |



| 电压等级(Voltage class): 6/6kV, 6/10kV                                                    |                                         |                                                  |                                     |          |                                      |     |              |     |
|---------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------|-------------------------------------|----------|--------------------------------------|-----|--------------|-----|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 绝缘厚度<br>Insulation<br>Thickness<br>(mm) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference Weight<br>(kg/km) |          | 推荐载流量<br>Recommended Ampacity<br>(A) |     |              |     |
|                                                                                       |                                         |                                                  |                                     |          | 在空气中 In air                          |     | 在土壤中 In soil |     |
|                                                                                       |                                         |                                                  | 铜芯<br>Cu                            | 铝芯<br>Al | 铜Cu                                  | 铝Al | 铜Cu          | 铝Al |
| 3×150                                                                                 | 3.4                                     | 60                                               | 6341                                | 3536     | 375                                  | 290 | 370          | 285 |
| 3×185                                                                                 | 3.4                                     | 64                                               | 7495                                | 4042     | 425                                  | 325 | 410          | 320 |
| 3×240                                                                                 | 3.4                                     | 69                                               | 9255                                | 4804     | 500                                  | 390 | 480          | 375 |
| 3×300                                                                                 | 3.4                                     | 74                                               | 11161                               | 5579     | 570                                  | 440 | 550          | 425 |

注：单芯电缆扁平排列（相邻间距等于电缆外径）  
Note: When single core cables are parallely placed in a flat way, the distance between the centers of two adjacent cables is the outside diameter of cable.

| 电压等级(Voltage class): 6/6kV, 6/10kV                                                    |                                         |                                                  | 型号 (Mode) : YJV22, YJLV22           |          |                                      |     |              |     |
|---------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------|-------------------------------------|----------|--------------------------------------|-----|--------------|-----|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 绝缘厚度<br>Insulation<br>Thickness<br>(mm) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference Weight<br>(kg/km) |          | 推荐载流量<br>Recommended Ampacity<br>(A) |     |              |     |
|                                                                                       |                                         |                                                  |                                     |          | 在空气中 In air                          |     | 在土壤中 In soil |     |
|                                                                                       |                                         |                                                  | 铜芯<br>Cu                            | 铝芯<br>Al | 铜Cu                                  | 铝Al | 铜Cu          | 铝Al |
| 3×25                                                                                  | 3.4                                     | 45                                               | 2917                                | 2454     | 130                                  | 100 | 135          | 105 |
| 3×35                                                                                  | 3.4                                     | 47                                               | 3364                                | 2711     | 160                                  | 120 | 165          | 125 |
| 3×50                                                                                  | 3.4                                     | 50                                               | 4148                                | 3091     | 190                                  | 155 | 195          | 160 |
| 3×70                                                                                  | 3.4                                     | 54                                               | 4839                                | 3537     | 240                                  | 200 | 235          | 190 |
| 3×95                                                                                  | 3.4                                     | 58                                               | 5839                                | 4068     | 285                                  | 220 | 280          | 210 |
| 3×120                                                                                 | 3.4                                     | 62                                               | 6834                                | 4602     | 325                                  | 250 | 320          | 245 |
| 3×150                                                                                 | 3.4                                     | 65                                               | 7974                                | 5169     | 360                                  | 290 | 355          | 280 |
| 3×185                                                                                 | 3.4                                     | 69                                               | 9264                                | 5811     | 415                                  | 315 | 395          | 310 |
| 3×240                                                                                 | 3.4                                     | 75                                               | 11209                               | 6758     | 490                                  | 375 | 470          | 370 |
| 3×300                                                                                 | 3.4                                     | 80                                               | 13291                               | 7709     | 560                                  | 430 | 530          | 420 |

| 电压等级(Voltage class): 6/6kV, 6/10kV                                                    |                                         |                                                  | 型号 (Mode) : YJV32, YJLV32           |          |                                      |     |              |     |
|---------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------|-------------------------------------|----------|--------------------------------------|-----|--------------|-----|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 绝缘厚度<br>Insulation<br>Thickness<br>(mm) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference Weight<br>(kg/km) |          | 推荐载流量<br>Recommended Ampacity<br>(A) |     |              |     |
|                                                                                       |                                         |                                                  |                                     |          | 在空气中 In air                          |     | 在土壤中 In soil |     |
|                                                                                       |                                         |                                                  | 铜芯<br>Cu                            | 铝芯<br>Al | 铜Cu                                  | 铝Al | 铜Cu          | 铝Al |
| 3×25                                                                                  | 3.4                                     | 48                                               | 3967                                | 3504     | 130                                  | 100 | 135          | 105 |
| 3×35                                                                                  | 3.4                                     | 51                                               | 4477                                | 3825     | 160                                  | 120 | 165          | 125 |
| 3×50                                                                                  | 3.4                                     | 54                                               | 5283                                | 4227     | 190                                  | 155 | 195          | 160 |
| 3×70                                                                                  | 3.4                                     | 58                                               | 6053                                | 4753     | 240                                  | 200 | 235          | 190 |
| 3×95                                                                                  | 3.4                                     | 62                                               | 7126                                | 5357     | 285                                  | 220 | 280          | 210 |
| 3×120                                                                                 | 3.4                                     | 65                                               | 8146                                | 5914     | 325                                  | 250 | 320          | 245 |
| 3×150                                                                                 | 3.4                                     | 69                                               | 9329                                | 6527     | 360                                  | 290 | 355          | 280 |
| 3×185                                                                                 | 3.4                                     | 70                                               | 10652                               | 7201     | 415                                  | 315 | 395          | 310 |
| 3×240                                                                                 | 3.4                                     | 80                                               | 13549                               | 9097     | 490                                  | 375 | 470          | 370 |
| 3×300                                                                                 | 3.4                                     | 85                                               | 15843                               | 10264    | 560                                  | 430 | 530          | 420 |

| 电压等级(Voltage class): 8.7/10kV, 8.7/15kV                                               |                                         |                                                  | 型号 (Mode) : YJV, YJLV               |          |                                      |     |              |     |
|---------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------|-------------------------------------|----------|--------------------------------------|-----|--------------|-----|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 绝缘厚度<br>Insulation<br>Thickness<br>(mm) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference Weight<br>(kg/km) |          | 推荐载流量<br>Recommended Ampacity<br>(A) |     |              |     |
|                                                                                       |                                         |                                                  |                                     |          | 在空气中 In air                          |     | 在土壤中 In soil |     |
|                                                                                       |                                         |                                                  | 铜芯<br>Cu                            | 铝芯<br>Al | 铜Cu                                  | 铝Al | 铜Cu          | 铝Al |
| 1×25                                                                                  | 4.5                                     | 22                                               | 691                                 | 537      | 170                                  | 130 | 170          | 135 |
| 1×35                                                                                  | 4.5                                     | 23                                               | 812                                 | 595      | 205                                  | 165 | 205          | 165 |
| 1×50                                                                                  | 4.5                                     | 24                                               | 1024                                | 672      | 245                                  | 193 | 238          | 183 |
| 1×70                                                                                  | 4.5                                     | 26                                               | 1210                                | 776      | 305                                  | 245 | 295          | 235 |
| 1×95                                                                                  | 4.5                                     | 27                                               | 1484                                | 894      | 365                                  | 295 | 345          | 275 |
| 1×120                                                                                 | 4.5                                     | 29                                               | 1761                                | 1017     | 425                                  | 335 | 385          | 310 |

| 电压等级(Voltage class): 8.7/10kV, 8.7/15kV                                               |                                         |                                                  | 型号 (Mode) : YJV, YJLV               |          |                                      |     |              |     |
|---------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------|-------------------------------------|----------|--------------------------------------|-----|--------------|-----|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 绝缘厚度<br>Insulation<br>Thickness<br>(mm) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference Weight<br>(kg/km) |          | 推荐载流量<br>Recommended Ampacity<br>(A) |     |              |     |
|                                                                                       |                                         |                                                  |                                     |          | 在空气中 In air                          |     | 在土壤中 In soil |     |
|                                                                                       |                                         |                                                  | 铜芯<br>Cu                            | 铝芯<br>Al | 铜Cu                                  | 铝Al | 铜Cu          | 铝Al |
| 1×150                                                                                 | 4.5                                     | 31                                               | 2087                                | 1152     | 490                                  | 378 | 419          | 343 |
| 1×185                                                                                 | 4.5                                     | 32                                               | 2462                                | 1311     | 560                                  | 420 | 465          | 380 |
| 1×240                                                                                 | 4.5                                     | 35                                               | 3014                                | 1531     | 665                                  | 493 | 529          | 433 |
| 1×300                                                                                 | 4.5                                     | 37                                               | 3637                                | 1777     | 765                                  | 555 | 580          | 480 |
| 1×400                                                                                 | 4.5                                     | 40                                               | 4644                                | 2162     | 890                                  | 652 | 650          | 550 |
| 1×500                                                                                 | 4.5                                     | 45                                               | 5664                                | 2569     | 1030                                 | 723 | 708          | 608 |
| 3×25                                                                                  | 4.5                                     | 45                                               | 2204                                | 1741     | 135                                  | 105 | 135          | 105 |
| 3×35                                                                                  | 4.5                                     | 48                                               | 2609                                | 1956     | 165                                  | 130 | 165          | 120 |
| 3×50                                                                                  | 4.5                                     | 51                                               | 3310                                | 2253     | 195                                  | 155 | 200          | 160 |
| 3×70                                                                                  | 4.5                                     | 55                                               | 3937                                | 2635     | 240                                  | 200 | 240          | 190 |
| 3×95                                                                                  | 4.5                                     | 58                                               | 4836                                | 3065     | 290                                  | 220 | 290          | 225 |
| 3×120                                                                                 | 4.5                                     | 62                                               | 5710                                | 3478     | 330                                  | 255 | 320          | 250 |
| 3×150                                                                                 | 4.5                                     | 65                                               | 6776                                | 3971     | 375                                  | 290 | 370          | 285 |
| 3×185                                                                                 | 4.5                                     | 69                                               | 7986                                | 4533     | 425                                  | 325 | 410          | 320 |
| 3×240                                                                                 | 4.5                                     | 74                                               | 9749                                | 5298     | 500                                  | 390 | 480          | 375 |
| 3×300                                                                                 | 4.5                                     | 79                                               | 11718                               | 6136     | 570                                  | 440 | 550          | 425 |

注：单芯电缆扁平排列（相邻间距等于电缆外径）  
Note: When single core cables are parallely placed in a flat way, the distance between the centers of two adjacent cables is the outside diameter of cable.

| 电压等级(Voltage class): 8.7/10kV, 8.7/15kV                                               |                                         |                                                  | 型号 (Mode) : YJV22, YJLV22           |          |                                      |     |              |     |
|---------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------|-------------------------------------|----------|--------------------------------------|-----|--------------|-----|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 绝缘厚度<br>Insulation<br>Thickness<br>(mm) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference Weight<br>(kg/km) |          | 推荐载流量<br>Recommended Ampacity<br>(A) |     |              |     |
|                                                                                       |                                         |                                                  |                                     |          | 在空气中 In air                          |     | 在土壤中 In soil |     |
|                                                                                       |                                         |                                                  | 铜芯<br>Cu                            | 铝芯<br>Al | 铜Cu                                  | 铝Al | 铜Cu          | 铝Al |
| 3×25                                                                                  | 4.5                                     | 50                                               | 3380                                | 2917     | 130                                  | 100 | 135          | 105 |
| 3×35                                                                                  | 4.5                                     | 52                                               | 3864                                | 3211     | 160                                  | 120 | 165          | 125 |
| 3×50                                                                                  | 4.5                                     | 56                                               | 4672                                | 3615     | 190                                  | 155 | 195          | 160 |
| 3×70                                                                                  | 4.5                                     | 60                                               | 5389                                | 4087     | 240                                  | 200 | 235          | 190 |
| 3×95                                                                                  | 4.5                                     | 63                                               | 6418                                | 4647     | 285                                  | 220 | 280          | 210 |
| 3×120                                                                                 | 4.5                                     | 67                                               | 7416                                | 5184     | 325                                  | 250 | 320          | 245 |
| 3×150                                                                                 | 4.5                                     | 71                                               | 8581                                | 5776     | 360                                  | 290 | 355          | 280 |
| 3×185                                                                                 | 4.5                                     | 75                                               | 9934                                | 6481     | 415                                  | 315 | 395          | 310 |
| 3×240                                                                                 | 4.5                                     | 80                                               | 11885                               | 7434     | 490                                  | 375 | 470          | 370 |
| 3×300                                                                                 | 4.5                                     | 87                                               | 14910                               | 9328     | 560                                  | 430 | 530          | 420 |

| 电压等级(Voltage class): 8.7/10kV, 8.7/15kV                                               |                                         |                                                  | 型号 (Mode) : YJV32, YJLV32           |          |                                      |     |              |     |
|---------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------|-------------------------------------|----------|--------------------------------------|-----|--------------|-----|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 绝缘厚度<br>Insulation<br>Thickness<br>(mm) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference Weight<br>(kg/km) |          | 推荐载流量<br>Recommended Ampacity<br>(A) |     |              |     |
|                                                                                       |                                         |                                                  |                                     |          | 在空气中 In air                          |     | 在土壤中 In soil |     |
|                                                                                       |                                         |                                                  | 铜芯<br>Cu                            | 铝芯<br>Al | 铜Cu                                  | 铝Al | 铜Cu          | 铝Al |
| 3×25                                                                                  | 4.5                                     | 54                                               | 4556                                | 4093     | 130                                  | 100 | 135          | 105 |
| 3×35                                                                                  | 4.5                                     | 56                                               | 5081                                | 4429     | 160                                  | 120 | 165          | 125 |
| 3×50                                                                                  | 4.5                                     | 59                                               | 5868                                | 4812     | 190                                  | 155 | 195          | 160 |
| 3×70                                                                                  | 4.5                                     | 63                                               | 6703                                | 5403     | 240                                  | 200 | 235          | 190 |
| 3×95                                                                                  | 4.5                                     | 67                                               | 7774                                | 6005     | 285                                  | 220 | 280          | 210 |
| 3×120                                                                                 | 4.5                                     | 71                                               | 8774                                | 6542     | 325                                  | 250 | 320          | 245 |
| 3×150                                                                                 | 4.5                                     | 74                                               | 9779                                | 7177     | 360                                  | 290 | 355          | 280 |
| 3×185                                                                                 | 4.5                                     | 80                                               | 12281                               | 8831     | 415                                  | 315 | 395          | 310 |
| 3×240                                                                                 | 4.5                                     | 85                                               | 14414                               | 9963     | 490                                  | 375 | 470          | 370 |
| 3×300                                                                                 | 4.5                                     | 90                                               | 16704                               | 11125    | 560                                  | 430 | 530          | 420 |
| 3×400                                                                                 | 4.5                                     | 98                                               | 20409                               | 12961    | 651                                  | 510 | 699          | 541 |



| 电压等级(Voltage class): 12/20kV                                                          |                                         |                                                  | 型号 (Mode) : YJV, YJLV               |          |                                      |     |              |     |
|---------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------|-------------------------------------|----------|--------------------------------------|-----|--------------|-----|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 绝缘厚度<br>Insulation<br>Thickness<br>(mm) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference Weight<br>(kg/km) |          | 推荐载流量<br>Recommended Ampacity<br>(A) |     |              |     |
|                                                                                       |                                         |                                                  |                                     |          | 在空气中 In air                          |     | 在土壤中 In soil |     |
|                                                                                       |                                         |                                                  | 铜芯<br>Cu                            | 铝芯<br>Al | 铜Cu                                  | 铝Al | 铜Cu          | 铝Al |
| 1 x 35                                                                                | 5.5                                     | 25                                               | 916                                 | 699      | 240                                  | 190 | 235          | 183 |
| 1 x 50                                                                                | 5.5                                     | 27                                               | 1133                                | 781      | 260                                  | 242 | 290          | 230 |
| 1 x 70                                                                                | 5.5                                     | 28                                               | 1331                                | 898      | 302                                  | 293 | 342          | 273 |
| 1 x 95                                                                                | 5.5                                     | 30                                               | 1612                                | 1022     | 411                                  | 332 | 350          | 307 |
| 1 x 120                                                                               | 5.5                                     | 32                                               | 1894                                | 1150     | 453                                  | 373 | 414          | 340 |
| 1 x 150                                                                               | 5.5                                     | 33                                               | 2226                                | 1293     | 510                                  | 417 | 460          | 375 |
| 1 x 185                                                                               | 5.5                                     | 35                                               | 2593                                | 1442     | 585                                  | 490 | 523          | 430 |
| 1 x 240                                                                               | 5.5                                     | 38                                               | 3166                                | 1682     | 651                                  | 550 | 577          | 475 |
| 1 x 300                                                                               | 5.5                                     | 40                                               | 3819                                | 1959     | 750                                  | 650 | 645          | 545 |
| 3 x 35                                                                                | 5.5                                     | 53                                               | 2662                                | 2011     | 165                                  | 126 | 160          | 120 |
| 3 x 50                                                                                | 5.5                                     | 56                                               | 3335                                | 2279     | 190                                  | 151 | 196          | 155 |
| 3 x 70                                                                                | 5.5                                     | 60                                               | 3953                                | 2653     | 235                                  | 196 | 234          | 187 |
| 3 x 95                                                                                | 5.5                                     | 64                                               | 4822                                | 3053     | 280                                  | 214 | 285          | 220 |
| 3 x 120                                                                               | 5.5                                     | 67                                               | 5638                                | 3427     | 325                                  | 251 | 315          | 244 |
| 3 x 150                                                                               | 5.5                                     | 71                                               | 6685                                | 3882     | 370                                  | 285 | 364          | 280 |
| 3 x 185                                                                               | 5.5                                     | 74                                               | 7853                                | 4402     | 410                                  | 320 | 403          | 314 |
| 3 x 240                                                                               | 5.5                                     | 79                                               | 9566                                | 5112     | 495                                  | 386 | 474          | 370 |
| 3 x 300                                                                               | 5.5                                     | 85                                               | 11505                               | 5925     | 566                                  | 435 | 545          | 420 |

注：单芯电缆扁平排列（相邻间距等于电缆外径）

Note: When single core cables are parallelly placed in a flat way, the distance between the centers of two adjacent cables is the outside diameter of cable.

| 电压等级(Voltage class): 12/20kV                                                          |                                         |                                                  | 型号 (Mode) : YJV22, YJLV22           |          |                                      |     |              |     |
|---------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------|-------------------------------------|----------|--------------------------------------|-----|--------------|-----|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 绝缘厚度<br>Insulation<br>Thickness<br>(mm) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference Weight<br>(kg/km) |          | 推荐载流量<br>Recommended Ampacity<br>(A) |     |              |     |
|                                                                                       |                                         |                                                  |                                     |          | 在空气中 In air                          |     | 在土壤中 In soil |     |
|                                                                                       |                                         |                                                  | 铜芯<br>Cu                            | 铝芯<br>Al | 铜Cu                                  | 铝Al | 铜Cu          | 铝Al |
| 3 x 35                                                                                | 5.5                                     | 58                                               | 4067                                | 3416     | 161                                  | 117 | 161          | 120 |
| 3 x 50                                                                                | 5.5                                     | 61                                               | 4848                                | 3792     | 191                                  | 151 | 191          | 155 |
| 3 x 70                                                                                | 5.5                                     | 65                                               | 5569                                | 4269     | 236                                  | 197 | 230          | 185 |
| 3 x 95                                                                                | 5.5                                     | 69                                               | 6599                                | 4830     | 281                                  | 215 | 276          | 204 |
| 3 x 120                                                                               | 5.5                                     | 72                                               | 7524                                | 5292     | 327                                  | 245 | 315          | 241 |
| 3 x 150                                                                               | 5.5                                     | 76                                               | 8687                                | 5884     | 351                                  | 284 | 351          | 276 |
| 3 x 185                                                                               | 5.5                                     | 80                                               | 9963                                | 6513     | 412                                  | 311 | 391          | 305 |
| 3 x 240                                                                               | 5.5                                     | 87                                               | 12841                               | 8390     | 493                                  | 371 | 463          | 365 |
| 3 x 300                                                                               | 5.5                                     | 92                                               | 15029                               | 9450     | 565                                  | 425 | 527          | 416 |
| 3 x 400                                                                               | 5.5                                     | 100                                              | 18501                               | 11054    | 639                                  | 502 | 681          | 525 |

| 电压等级(Voltage class): 12/20kV                                                          |                                         |                                                  | 型号 (Mode) : YJV32, YJLV32           |          |                                      |     |              |     |
|---------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------|-------------------------------------|----------|--------------------------------------|-----|--------------|-----|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 绝缘厚度<br>Insulation<br>Thickness<br>(mm) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference Weight<br>(kg/km) |          | 推荐载流量<br>Recommended Ampacity<br>(A) |     |              |     |
|                                                                                       |                                         |                                                  |                                     |          | 在空气中 In air                          |     | 在土壤中 In soil |     |
|                                                                                       |                                         |                                                  | 铜芯<br>Cu                            | 铝芯<br>Al | 铜Cu                                  | 铝Al | 铜Cu          | 铝Al |
| 3 x 35                                                                                | 5.5                                     | 61                                               | 5622                                | 4971     | 161                                  | 117 | 161          | 120 |
| 3 x 50                                                                                | 5.5                                     | 64                                               | 6428                                | 5372     | 191                                  | 151 | 191          | 155 |
| 3 x 70                                                                                | 5.5                                     | 68                                               | 7314                                | 6014     | 236                                  | 197 | 230          | 185 |
| 3 x 95                                                                                | 5.5                                     | 72                                               | 8409                                | 6640     | 281                                  | 215 | 276          | 204 |
| 3 x 120                                                                               | 5.5                                     | 77                                               | 10247                               | 8016     | 327                                  | 245 | 315          | 241 |
| 3 x 150                                                                               | 5.5                                     | 81                                               | 11602                               | 8799     | 351                                  | 284 | 351          | 276 |
| 3 x 185                                                                               | 5.5                                     | 85                                               | 13040                               | 9590     | 412                                  | 311 | 391          | 305 |
| 3 x 240                                                                               | 5.5                                     | 90                                               | 15167                               | 10716    | 493                                  | 371 | 463          | 365 |
| 3 x 300                                                                               | 5.5                                     | 95                                               | 17424                               | 11844    | 565                                  | 425 | 527          | 416 |
| 3 x 400                                                                               | 5.5                                     | 103                                              | 21234                               | 13787    | 644                                  | 501 | 688          | 544 |

| 电压等级(Voltage class): 18/30kV,21/35kV,26/35kV                                          |                                                  |                                     |          | 型号 (Mode) : YJV, YJLV                |     |              |     |
|---------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------|----------|--------------------------------------|-----|--------------|-----|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference Weight<br>(kg/km) |          | 推荐载流量<br>Recommended Ampacity<br>(A) |     |              |     |
|                                                                                       |                                                  |                                     |          | 在空气中 In air                          |     | 在土壤中 In soil |     |
|                                                                                       |                                                  | 铜芯<br>Cu                            | 铝芯<br>Al | 铜Cu                                  | 铝Al | 铜Cu          | 铝Al |
| 1 x 50                                                                                | 40                                               | 1981                                | 1629     | 246                                  | 197 | 248          | 182 |
| 1 x 70                                                                                | 42                                               | 2276                                | 1842     | 312                                  | 246 | 296          | 237 |
| 1 x 95                                                                                | 44                                               | 2656                                | 2066     | 370                                  | 298 | 346          | 277 |
| 1 x 120                                                                               | 46                                               | 3038                                | 2294     | 433                                  | 339 | 387          | 313 |
| 1 x 150                                                                               | 48                                               | 3485                                | 2550     | 485                                  | 387 | 421          | 347 |
| 1 x 185                                                                               | 50                                               | 3998                                | 2847     | 555                                  | 432 | 465          | 382 |
| 1 x 240                                                                               | 52                                               | 4772                                | 3289     | 650                                  | 505 | 530          | 436 |
| 1 x 300                                                                               | 54                                               | 5593                                | 3733     | 745                                  | 565 | 589          | 480 |
| 1 x 400                                                                               | 57                                               | 6945                                | 4463     | 870                                  | 660 | 673          | 560 |
| 1 x 500                                                                               | 59                                               | 8306                                | 5211     | 1000                                 | 733 | 746          | 613 |

注：单芯电缆扁平排列（相邻间距等于电缆外径）

Note: When single core cables are parallelly placed in a flat way, the distance between the centers of two adjacent cables is the outside diameter of cable.

注：推荐载流量的环境温度为25℃。

Note: The ambient temperature for Recommended Ampacity is 25℃.





# CONTROL CABLE WITH RATED VOLTAGE OF 450/750V 450/750V控制电缆



## 450/750V控制电缆

( 含阻燃型、耐火型、无卤低烟阻燃型 )

CONTROL CABLE WITH RATED VOLTAGE OF 450/750V

(Including flame retardant cable, fire-resisting cable, and halogen free, low smoke and flame retardant cable)

产品执行标准  
Product standard

GB/T9330-2008、GB/T19666-2005、GB/T18380-2008、GA306-2007或用户要求的其它标准。  
GB/T9330-2008,GB/T19666-2005,GB/T18380-2001,IEC60332-3,GA306-2001 or other  
standard(s) required by clients are applied.

### 用途 Application

本产品主要适用于交流额定电压 $U_0/U$ 为450/750及以下控制、监控回路及保护线路等场合，作为电气装备之间的电器、仪表控制接线。

This product is mainly designed for controlling, monitoring circuits and protective lines with AC rated voltage  $U_0/U$  of 450/750 and below. It is used to interconnect electric advices and instruments between electrical equipment.

### 型号及名称 Model number and name

| 型 号<br>Model number | 名 称 N a m e                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------|
| KVV                 | 铜芯聚氯乙烯绝缘聚氯乙烯护套控制电缆 Copper core PVC insulated and sheathed control cable                                                       |
| KVV22               | 铜芯聚氯乙烯绝缘聚氯乙烯护套钢带铠装控制电缆 Copper core PVC insulated steel tape armored control cable                                             |
| KVVP                | 铜芯聚氯乙烯绝缘聚氯乙烯护套编织屏蔽控制电缆 Copper core PVC-insulated PVC-sheathed, and braided and screened control cable                         |
| KVVP2               | 铜芯聚氯乙烯绝缘聚氯乙烯护套铜带屏蔽控制电缆 Copper core PVC-insulated, PVC-sheathed and copper tape screende control cable                         |
| KVVR                | 铜芯聚氯乙烯绝缘聚氯乙烯护套控制软电缆 Copper core PVC-insulated and PVC-sheathed flexible control cable                                         |
| KVVRP               | 铜芯聚氯乙烯绝缘聚氯乙烯护套编织屏蔽控制软电缆 Copper core PVC-insulated, PVC-sheathed and braided and flexible control cable                        |
| KVVP2-22            | 铜芯聚氯乙烯绝缘聚氯乙烯护套铜带屏蔽钢带铠装控制电缆 Copper core PVC-insulated, PVC-sheathed, copper tape screened and steel-tape armored control cable |
| KYJV                | 铜芯交联聚乙烯绝缘聚氯乙烯护套控制电缆 Copper core XLPE insulated PVC sheathed control cable                                                     |
| KYJV22              | 铜芯交联聚乙烯绝缘聚氯乙烯护套钢带铠装控制电缆 Copper core XLPE insulated PVC sheathed steel tape armored control cable                              |

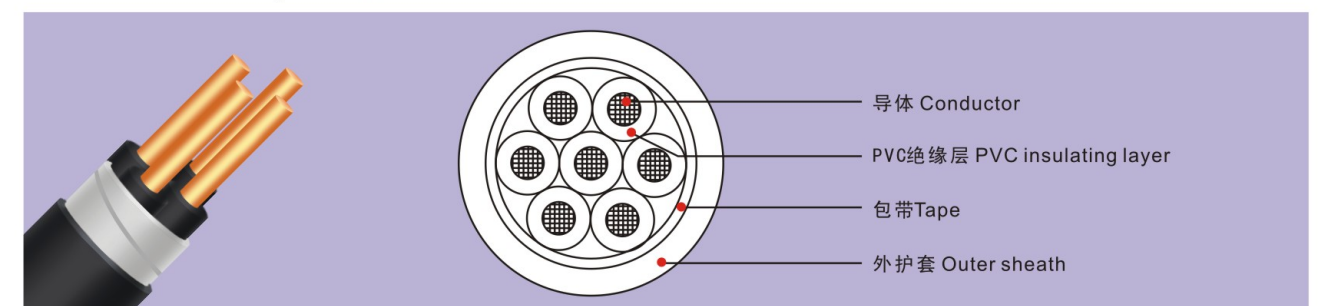
注 (Notes:)

- 阻燃型电缆型号在普通型前加“ZA (ZB、ZC)”，并注明阻燃等级：。  
For flame retardant cable, add “ZA” ( “ZB” or “ZC” ) before the model number of common cable, and marks the flame retardant class.
- 耐火型电缆型号在普通型前加“N-”，并注明耐火等级：  
For fire-resisting cable, add “N-” before the model number of common cable, and marks the fire-resisting class.
- 无卤低烟阻燃型电缆型号在普通型号前加“WDZ” 如：WDZ-KYY、WDZ-KYY23……  
For halogen free, low smoke and flame retardant cable, add “WDZ” before the model number of common cable, e.g., WDZ-KYY, WDZ-KYY23……

### 结构示意图 Structural schematic diagramh

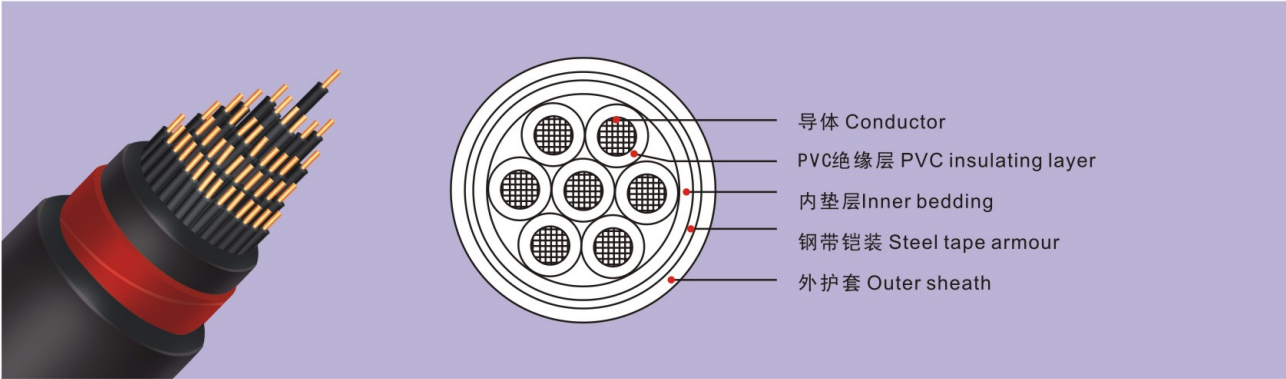
KVV型控制电缆结构示意图

Structural schematic diagram of KVV control cable

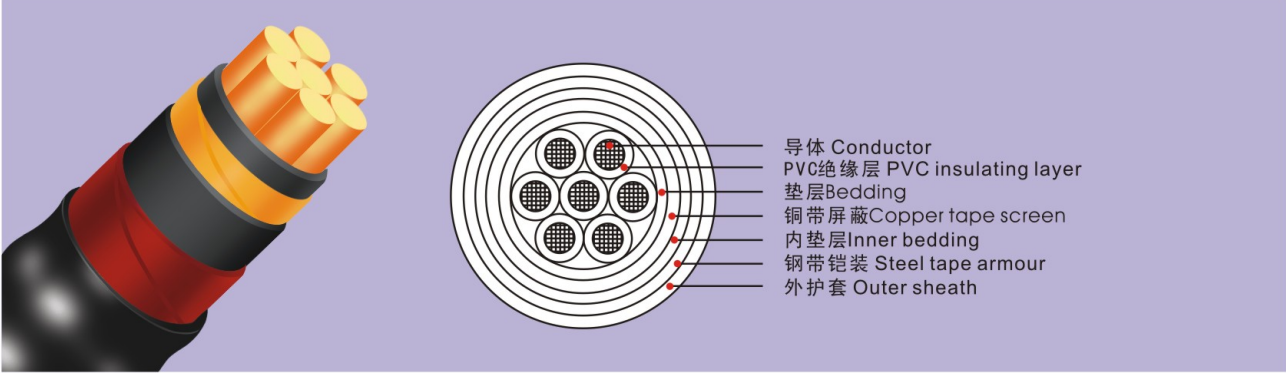




KVV22型控制电缆结构示意图  
Structural schematic diagram of KVV22 control cable



KVVP2-22型控制电缆结构示意图  
Structural schematic diagram of KVVP2-22 control cable



| 型号 (Mode) : KVV 450/750V                                                                           |                                 |                                                          |                                        |                                                                                                    |                                 |                                                          |                                        |
|----------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|----------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|----------------------------------------|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm <sup>2</sup> ) | 导体种类<br>Type<br>of<br>Conductor | 参考外径<br>(上限)<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) | 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm <sup>2</sup> ) | 导体种类<br>Type<br>of<br>Conductor | 参考外径<br>(上限)<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) |
| 2×0.5                                                                                              | 1                               | 7.3                                                      | 53                                     | 12×2.5                                                                                             | 1                               | 18.3                                                     | 498                                    |
| 2×0.75                                                                                             | 1                               | 7.6                                                      | 61                                     | 12×4                                                                                               | 1                               | 21.5                                                     | 825                                    |
| 2×1.0                                                                                              | 1                               | 7.9                                                      | 69                                     | 12×6                                                                                               | 1                               | 23.5                                                     | 1102                                   |
| 2×1.5                                                                                              | 1                               | 8.8                                                      | 88                                     | 14×0.5                                                                                             | 1                               | 12.7                                                     | 191                                    |
| 2×2.5                                                                                              | 1                               | 10.0                                                     | 121                                    | 14×0.75                                                                                            | 1                               | 13.5                                                     | 234                                    |
| 2×4                                                                                                | 1                               | 11.0                                                     | 161                                    | 14×1.0                                                                                             | 1                               | 14.2                                                     | 277                                    |
| 2×6                                                                                                | 1                               | 12.0                                                     | 214                                    | 14×1.5                                                                                             | 1                               | 16.2                                                     | 376                                    |
| 2×10                                                                                               | 2                               | 17.5                                                     | 391                                    | 14×2.5                                                                                             | 1                               | 18.8                                                     | 547                                    |
| 3×0.5                                                                                              | 1                               | 7.6                                                      | 62                                     | 14×4                                                                                               | 1                               | 22.5                                                     | 929                                    |
| 3×0.75                                                                                             | 1                               | 8.0                                                      | 73                                     | 14×6                                                                                               | 1                               | 24.5                                                     | 1246                                   |
| 3×1.0                                                                                              | 1                               | 8.3                                                      | 84                                     | 16×0.5                                                                                             | 1                               | 13.3                                                     | 211                                    |
| 3×1.5                                                                                              | 1                               | 9.3                                                      | 109                                    | 16×0.75                                                                                            | 1                               | 14.1                                                     | 260                                    |
| 3×2.5                                                                                              | 1                               | 10.6                                                     | 153                                    | 16×1.0                                                                                             | 1                               | 14.8                                                     | 309                                    |
| 3×4                                                                                                | 1                               | 11.6                                                     | 208                                    | 16×1.5                                                                                             | 1                               | 17.0                                                     | 420                                    |
| 3×6                                                                                                | 1                               | 13.3                                                     | 296                                    | 16×2.5                                                                                             | 1                               | 19.8                                                     | 618                                    |
| 3×10                                                                                               | 2                               | 18.5                                                     | 512                                    | 19×0.5                                                                                             | 1                               | 13.9                                                     | 240                                    |
| 4×0.5                                                                                              | 1                               | 8.1                                                      | 73                                     | 19×0.75                                                                                            | 1                               | 14.7                                                     | 298                                    |
| 4×0.75                                                                                             | 1                               | 8.5                                                      | 87                                     | 19×1.0                                                                                             | 1                               | 15.5                                                     | 354                                    |
| 4×1.0                                                                                              | 2                               | 8.9                                                      | 101                                    | 19×1.5                                                                                             | 1                               | 17.8                                                     | 485                                    |
| 4×1.5                                                                                              | 1                               | 10.0                                                     | 133                                    | 19×2.5                                                                                             | 1                               | 20.8                                                     | 867                                    |

| 型号 (Mode) : KVV 450/750V                                                                           |                                 |                                                          |                                        |                                                                                                    |                                 |                                                          |                                        |
|----------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|----------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|----------------------------------------|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm <sup>2</sup> ) | 导体种类<br>Type<br>of<br>Conductor | 参考外径<br>(上限)<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) | 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm <sup>2</sup> ) | 导体种类<br>Type<br>of<br>Conductor | 参考外径<br>(上限)<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) |
| 4×2.5                                                                                              | 1                               | 11.5                                                     | 188                                    | 24×0.5                                                                                             | 1                               | 16.0                                                     | 297                                    |
| 4×4                                                                                                | 1                               | 12.6                                                     | 260                                    | 24×0.75                                                                                            | 1                               | 17.1                                                     | 369                                    |
| 4×6                                                                                                | 1                               | 14.4                                                     | 371                                    | 24×1.0                                                                                             | 1                               | 18.1                                                     | 440                                    |
| 4×10                                                                                               | 2                               | 20.0                                                     | 644                                    | 24×1.5                                                                                             | 1                               | 21.2                                                     | 631                                    |
| 5×0.5                                                                                              | 1                               | 8.7                                                      | 83                                     | 24×2.5                                                                                             | 1                               | 24.8                                                     | 944                                    |
| 5×0.75                                                                                             | 1                               | 9.1                                                      | 99                                     | 27×0.5                                                                                             | 1                               | 16.2                                                     | 323                                    |
| 5×1.0                                                                                              | 1                               | 9.6                                                      | 115                                    | 27×0.75                                                                                            | 1                               | 17.2                                                     | 403                                    |
| 5×1.5                                                                                              | 1                               | 11.8                                                     | 153                                    | 27×1.0                                                                                             | 1                               | 18.2                                                     | 483                                    |
| 5×2.5                                                                                              | 1                               | 12.4                                                     | 219                                    | 27×1.5                                                                                             | 1                               | 21.4                                                     | 694                                    |
| 5×6                                                                                                | 1                               | 14.3                                                     | 324                                    | 27×2.5                                                                                             | 1                               | 25.1                                                     | 1042                                   |
| 5×4                                                                                                | 1                               | 15.7                                                     | 435                                    | 30×0.5                                                                                             | 1                               | 16.7                                                     | 352                                    |
| 5×10                                                                                               | 2                               | 22.5                                                     | 830                                    | 30×0.75                                                                                            | 1                               | 17.8                                                     | 440                                    |
| 7×0.5                                                                                              | 1                               | 9.3                                                      | 101                                    | 30×1.0                                                                                             | 1                               | 19.2                                                     | 545                                    |
| 7×0.75                                                                                             | 1                               | 9.8                                                      | 123                                    | 30×1.5                                                                                             | 1                               | 22.1                                                     | 759                                    |
| 7×1.0                                                                                              | 1                               | 10.3                                                     | 145                                    | 30×2.5                                                                                             | 1                               | 26.0                                                     | 1145                                   |
| 7×1.5                                                                                              | 2                               | 11.6                                                     | 195                                    | 37×0.5                                                                                             | 1                               | 18.3                                                     | 433                                    |
| 7×1.5                                                                                              | 1                               | 13.5                                                     | 229                                    | 37×0.75                                                                                            | 1                               | 19.5                                                     | 543                                    |
| 7×2.5                                                                                              | 1                               | 13.4                                                     | 282                                    | 37×1.0                                                                                             | 1                               | 20.6                                                     | 652                                    |
| 7×4                                                                                                | 1                               | 15.4                                                     | 420                                    | 37×1.5                                                                                             | 1                               | 23.7                                                     | 912                                    |
| 7×6                                                                                                | 1                               | 17.0                                                     | 569                                    | 37×2.5                                                                                             | 1                               | 27.9                                                     | 1383                                   |
| 7×10                                                                                               | 2                               | 24.0                                                     | 1082                                   | 44×0.5                                                                                             | 1                               | 20.3                                                     | 507                                    |
| 8×0.5                                                                                              | 1                               | 9.9                                                      | 113                                    | 44×0.75                                                                                            | 1                               | 21.6                                                     | 636                                    |
| 8×0.75                                                                                             | 1                               | 10.4                                                     | 138                                    | 44×1.0                                                                                             | 1                               | 22.9                                                     | 765                                    |
| 8×1.0                                                                                              | 1                               | 11.0                                                     | 162                                    | 44×1.5                                                                                             | 1                               | 26.5                                                     | 1075                                   |
| 8×1.5                                                                                              | 1                               | 12.5                                                     | 219                                    | 44×2.5                                                                                             | 1                               | 31.9                                                     | 1674                                   |
| 8×2.5                                                                                              | 1                               | 15.0                                                     | 339                                    | 48×0.5                                                                                             | 1                               | 20.6                                                     | 542                                    |
| 8×4                                                                                                | 1                               | 16.6                                                     | 475                                    | 48×0.75                                                                                            | 1                               | 22.0                                                     | 682                                    |
| 8×6                                                                                                | 1                               | 18.3                                                     | 645                                    | 48×1.0                                                                                             | 1                               | 23.3                                                     | 823                                    |
| 8×10                                                                                               | 2                               | 27.0                                                     | 1210                                   | 48×1.5                                                                                             | 1                               | 26.9                                                     | 1159                                   |
| 10×0.5                                                                                             | 1                               | 11.3                                                     | 141                                    | 48×2.5                                                                                             | 1                               | 32.4                                                     | 1807                                   |
| 10×0.75                                                                                            | 1                               | 12.0                                                     | 173                                    | 52×0.5                                                                                             | 1                               | 21.1                                                     | 580                                    |
| 10×1.0                                                                                             | 1                               | 13.2                                                     | 221                                    | 52×0.75                                                                                            | 1                               | 22.6                                                     | 731                                    |
| 10×1.5                                                                                             | 1                               | 15.4                                                     | 310                                    | 52×1.0                                                                                             | 1                               | 23.9                                                     | 882                                    |
| 10×2.5                                                                                             | 1                               | 17.8                                                     | 444                                    | 52×1.5                                                                                             | 1                               | 27.7                                                     | 1245                                   |
| 10×4                                                                                               | 1                               | 20.5                                                     | 722                                    | 52×2.5                                                                                             | 1                               | 33.3                                                     | 1942                                   |
| 10×6                                                                                               | 1                               | 22.5                                                     | 956                                    | 61×0.5                                                                                             | 1                               | 22.3                                                     | 663                                    |
| 10×10                                                                                              | 2                               | 30.5                                                     | 1523                                   | 61×0.75                                                                                            | 1                               | 23.8                                                     | 840                                    |
| 12×0.5                                                                                             | 1                               | 11.6                                                     | 155                                    | 61×1.0                                                                                             | 1                               | 25.3                                                     | 1016                                   |
| 12×0.75                                                                                            | 1                               | 12.3                                                     | 192                                    | 61×1.5                                                                                             | 1                               | 29.3                                                     | 1439                                   |
| 12×1.0                                                                                             | 1                               | 13.6                                                     | 245                                    | 61×2.5                                                                                             | 1                               | 35.3                                                     | 2250                                   |
| 12×1.5                                                                                             | 1                               | 15.8                                                     | 345                                    |                                                                                                    | 1                               |                                                          |                                        |

| 型号 (Mode) : KVVP2 450/750V                                                                         |                                 |                                                          |                                        |                                                                                                    |                                 |                                                          |                                        |
|----------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|----------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|----------------------------------------|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm <sup>2</sup> ) | 导体种类<br>Type<br>of<br>Conductor | 参考外径<br>(上限)<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) | 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm <sup>2</sup> ) | 导体种类<br>Type<br>of<br>Conductor | 参考外径<br>(上限)<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) |
| 2×0.5                                                                                              | 1                               | 8.3                                                      | 106                                    | 10×4                                                                                               | 1                               | 25.0                                                     | 957                                    |
| 2×0.75                                                                                             | 1                               | 8.6                                                      | 118                                    | 10×6                                                                                               | 1                               | 27.0                                                     | 1203                                   |
| 2×1                                                                                                | 1                               | 8.9                                                      | 128                                    | 10×10                                                                                              | 2                               | 35.0                                                     | 1709                                   |
| 2×1.5                                                                                              | 1                               | 9.8                                                      | 157                                    | 12×0.5                                                                                             | 1                               | 13.0                                                     | 256                                    |
| 2×2.5                                                                                              | 1                               | 11.0                                                     | 204                                    | 12×0.75                                                                                            | 1                               | 13.7                                                     | 301                                    |
| 2×4                                                                                                | 1                               | 12.0                                                     | 252                                    | 12×1.0                                                                                             | 1                               | 14.4                                                     | 343                                    |
| 2×6                                                                                                | 1                               | 13.0                                                     | 317                                    | 12×1.5                                                                                             | 1                               | 16.2                                                     | 449                                    |
| 3×0.5                                                                                              | 1                               | 8.6                                                      | 118                                    | 12×2.5                                                                                             | 1                               | 19.1                                                     | 647                                    |
| 3×0.75                                                                                             | 1                               | 9.0                                                      | 133                                    | 12×4                                                                                               | 1                               | 25.5                                                     | 1062                                   |
| 3×1                                                                                                | 1                               | 9.3                                                      | 146                                    | 12×6                                                                                               | 1                               | 28.0                                                     | 1357                                   |
| 3×1.5                                                                                              | 1                               | 10.3                                                     | 182                                    | 14×0.5                                                                                             | 1                               | 13.5                                                     | 281                                    |



| 型号 (Mode) : KVV22 450/750V                                                            |                                 |                                                          |                                        |                                                                                       |                                 |                                                          |                                        |
|---------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|----------------------------------------|---------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|----------------------------------------|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 导体种类<br>Type<br>of<br>Conductor | 参考外径<br>(上限)<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) | 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 导体种类<br>Type<br>of<br>Conductor | 参考外径<br>(上限)<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) |
| 3×2.5                                                                                 | 1                               | 11.6                                                     | 241                                    | 16×1.0                                                                                | 1                               | 15.6                                                     | 417                                    |
| 3×4                                                                                   | 1                               | 12.6                                                     | 306                                    | 16×1.5                                                                                | 1                               | 17.8                                                     | 553                                    |
| 3×6                                                                                   | 1                               | 14.1                                                     | 395                                    | 16×2.5                                                                                | 1                               | 21.0                                                     | 805                                    |
| 4×0.5                                                                                 | 1                               | 9.5                                                      | 140                                    | 19×0.5                                                                                | 1                               | 14.7                                                     | 340                                    |
| 4×0.75                                                                                | 1                               | 9.9                                                      | 158                                    | 19×0.75                                                                               | 1                               | 15.5                                                     | 406                                    |
| 4×1                                                                                   | 1                               | 10.3                                                     | 175                                    | 19×1.0                                                                                | 1                               | 16.3                                                     | 469                                    |
| 4×1.5                                                                                 | 1                               | 11.4                                                     | 219                                    | 191.5                                                                                 | 1                               | 18.6                                                     | 626                                    |
| 4×2.5                                                                                 | 1                               | 12.9                                                     | 293                                    | 19×2.5                                                                                | 1                               | 22.0                                                     | 918                                    |
| 4×4                                                                                   | 1                               | 14.0                                                     | 375                                    | 24×0.5                                                                                | 1                               | 16.4                                                     | 409                                    |
| 4×6                                                                                   | 1                               | 15.2                                                     | 481                                    | 24×0.75                                                                               | 1                               | 17.5                                                     | 491                                    |
| 4×10                                                                                  | 2                               | 25.0                                                     | 948                                    | 24×1.0                                                                                | 1                               | 18.5                                                     | 571                                    |
| 5×0.5                                                                                 | 1                               | 10.1                                                     | 155                                    | 24×1.5                                                                                | 1                               | 21.6                                                     | 787                                    |
| 5×0.75                                                                                | 1                               | 10.5                                                     | 176                                    | 24×2.5                                                                                | 1                               | 25.2                                                     | 1131                                   |
| 5×1                                                                                   | 1                               | 11.0                                                     | 197                                    | 27×0.5                                                                                | 1                               | 16.6                                                     | 436                                    |
| 5×1.5                                                                                 | 1                               | 12.2                                                     | 248                                    | 27×0.75                                                                               | 1                               | 17.6                                                     | 426                                    |
| 5×2.5                                                                                 | 1                               | 13.8                                                     | 334                                    | 27×1.0                                                                                | 1                               | 18.6                                                     | 615                                    |
| 5×4                                                                                   | 1                               | 15.1                                                     | 432                                    | 27×1.5                                                                                | 1                               | 21.8                                                     | 850                                    |
| 5×6                                                                                   | 1                               | 16.5                                                     | 558                                    | 27×2.5                                                                                | 1                               | 25.5                                                     | 1232                                   |
| 5×10                                                                                  | 2                               | 26.5                                                     | 1126                                   | 30×0.5                                                                                | 1                               | 17.1                                                     | 469                                    |
| 7×0.5                                                                                 | 1                               | 10.7                                                     | 179                                    | 30×0.75                                                                               | 1                               | 18.2                                                     | 568                                    |
| 7×0.75                                                                                | 1                               | 11.2                                                     | 207                                    | 30×1.0                                                                                | 1                               | 19.6                                                     | 683                                    |
| 7×1.0                                                                                 | 1                               | 11.7                                                     | 233                                    | 30×1.5                                                                                | 1                               | 22.5                                                     | 923                                    |
| 7×1.5                                                                                 | 1                               | 13.0                                                     | 299                                    | 30×2.5                                                                                | 1                               | 26.4                                                     | 1343                                   |
| 7×2.5                                                                                 | 1                               | 14.8                                                     | 410                                    | 37×0.5                                                                                | 1                               | 18.3                                                     | 545                                    |
| 7×4                                                                                   | 1                               | 16.2                                                     | 540                                    | 37×0.75                                                                               | 1                               | 19..5                                                    | 665                                    |
| 7×6                                                                                   | 1                               | 18.2                                                     | 721                                    | 37×1.0                                                                                | 1                               | 21.0                                                     | 801                                    |
| 7×10                                                                                  | 2                               | 28.5                                                     | 1397                                   | 37×1.5                                                                                | 1                               | 24.1                                                     | 1091                                   |
| 8×0.5                                                                                 | 1                               | 11.3                                                     | 197                                    | 37×2.5                                                                                | 1                               | 28.3                                                     | 1600                                   |
| 8×0.75                                                                                | 1                               | 11.8                                                     | 228                                    | 44×0.5                                                                                | 1                               | 20.7                                                     | 651                                    |
| 8×1.0                                                                                 | 1                               | 12.4                                                     | 257                                    | 44×0.75                                                                               | 1                               | 22.0                                                     | 794                                    |
| 8×1.5                                                                                 | 1                               | 13.9                                                     | 332                                    | 44×1.0                                                                                | 1                               | 23.3                                                     | 936                                    |
| 8×2.5                                                                                 | 1                               | 15.8                                                     | 457                                    | 44×1.5                                                                                | 1                               | 26.9                                                     | 1278                                   |
| 8×4                                                                                   | 1                               | 17.4                                                     | 605                                    | 44×2.5                                                                                | 1                               | 32.3                                                     | 1922                                   |
| 8×6                                                                                   | 1                               | 19.5                                                     | 810                                    | 48×0.5                                                                                | 1                               | 21.0                                                     | 689                                    |
| 8×10                                                                                  | 2                               | 31.5                                                     | 1543                                   | 48×0.75                                                                               | 1                               | 22.4                                                     | 844                                    |
| 10×0.5                                                                                | 1                               | 12.7                                                     | 239                                    | 48×1.0                                                                                | 1                               | 23.7                                                     | 996                                    |
| 10×0.75                                                                               | 1                               | 13.4                                                     | 278                                    | 48×1.5                                                                                | 1                               | 27.3                                                     | 1366                                   |
| 10×1.0                                                                                | 1                               | 14.0                                                     | 315                                    | 48×2.5                                                                                | 1                               | 32.8                                                     | 2059                                   |
| 10×1.5                                                                                | 1                               | 15.8                                                     | 410                                    | 52×0.5                                                                                | 1                               | 21.5                                                     | 731                                    |
| 10×2.5                                                                                | 1                               | 18.6                                                     | 586                                    | 52×0.75                                                                               | 1                               | 23.0                                                     | 898                                    |
| 14×0.75                                                                               | 1                               | 14.3                                                     | 331                                    | 52×1.0                                                                                | 1                               | 24.3                                                     | 1062                                   |
| 14×1.0                                                                                | 1                               | 15.0                                                     | 380                                    | 52×1.5                                                                                | 1                               | 28.1                                                     | 1459                                   |
| 14×1.5                                                                                | 1                               | 17.0                                                     | 501                                    | 52×2.5                                                                                | 1                               | 33.7                                                     | 2204                                   |
| 14×2.5                                                                                | 1                               | 20.0                                                     | 725                                    | 61×0.5                                                                                | 1                               | 22.7                                                     | 824                                    |
| 14×4                                                                                  | 1                               | 26.5                                                     | 1172                                   | 61×0.75                                                                               | 1                               | 24.2                                                     | 1018                                   |
| 14×6                                                                                  | 1                               | 29.0                                                     | 1510                                   | 61×1.0                                                                                | 1                               | 25.7                                                     | 1208                                   |
| 16×0.5                                                                                | 1                               | 14.1                                                     | 306                                    | 61×1.5                                                                                | 1                               | 30.3                                                     | 1706                                   |
| 16×0.75                                                                               | 1                               | 14.9                                                     | 363                                    | 61×2.5                                                                                | 1                               | 36.1                                                     | 2559                                   |
| 型号 (Mode) : KVV22 450/750V                                                            |                                 |                                                          |                                        |                                                                                       |                                 |                                                          |                                        |
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 导体种类<br>Type<br>of<br>Conductor | 参考外径<br>(上限)<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) | 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 导体种类<br>Type<br>of<br>Conductor | 参考外径<br>(上限)<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) |
| 2×0.5                                                                                 | 1                               | 7.9                                                      | 72                                     | 12×2.5                                                                                | 1                               | 18.9                                                     | 567                                    |
| 2×0.75                                                                                | 1                               | 8.2                                                      | 81                                     | 12×4                                                                                  | 1                               | 25.0                                                     | 971                                    |
| 2×1.0                                                                                 | 1                               | 8.5                                                      | 90                                     | 12×6                                                                                  | 1                               | 27.5                                                     | 1276                                   |
| 2×1.5                                                                                 | 1                               | 9.4                                                      | 113                                    | 14×0.5                                                                                | 1                               | 13.3                                                     | 227                                    |

| 型号 (Mode) : KVV22 450/750V                                                            |                                 |                                                          |                                        |                                                                                       |                                 |                                                          |                                        |
|---------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|----------------------------------------|---------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|----------------------------------------|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 导体种类<br>Type<br>of<br>Conductor | 参考外径<br>(上限)<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) | 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 导体种类<br>Type<br>of<br>Conductor | 参考外径<br>(上限)<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) |
| 2×2.5                                                                                 | 1                               | 10.6                                                     | 153                                    | 14×0.75                                                                               | 1                               | 14.0                                                     | 273                                    |
| 2×4                                                                                   | 1                               | 12.2                                                     | 210                                    | 14×1.0                                                                                | 1                               | 14.8                                                     | 319                                    |
| 2×6                                                                                   | 1                               | 13.2                                                     | 269                                    | 14×1.5                                                                                | 1                               | 16.8                                                     | 430                                    |
| 2×10                                                                                  | 2                               | 19.0                                                     | 502                                    | 14×2.5                                                                                | 1                               | 19.8                                                     | 642                                    |
| 3×0.5                                                                                 | 1                               | 8.2                                                      | 82                                     | 14×4                                                                                  | 1                               | 26.0                                                     | 1078                                   |
| 3×0.75                                                                                | 1                               | 8.6                                                      | 94                                     | 14×6                                                                                  | 1                               | 29.0                                                     | 1300                                   |
| 3×1.0                                                                                 | 1                               | 8.9                                                      | 106                                    | 16×0.5                                                                                | 1                               | 13.9                                                     | 249                                    |
| 3×1.5                                                                                 | 1                               | 9.9                                                      | 135                                    | 16×0.75                                                                               | 1                               | 14.7                                                     | 301                                    |
| 3×2.5                                                                                 | 1                               | 11.2                                                     | 186                                    | 16×1.0                                                                                | 1                               | 15.4                                                     | 353                                    |
| 3×4                                                                                   | 1                               | 12.8                                                     | 261                                    | 16×1.5                                                                                | 1                               | 18.0                                                     | 494                                    |
| 3×6                                                                                   | 1                               | 13.9                                                     | 339                                    | 16×2.5                                                                                | 1                               | 21.4                                                     | 744                                    |
| 3×10                                                                                  | 2                               | 20.1                                                     | 633                                    | 19×0.5                                                                                | 1                               | 14.5                                                     | 280                                    |
| 4×0.5                                                                                 | 1                               | 8.7                                                      | 95                                     | 19×0.75                                                                               | 1                               | 15.3                                                     | 341                                    |
| 4×0.75                                                                                | 1                               | 9.1                                                      | 110                                    | 19×1.0                                                                                | 1                               | 16.1                                                     | 402                                    |
| 4×1.0                                                                                 | 1                               | 9.5                                                      | 125                                    | 19×1.5                                                                                | 1                               | 18.8                                                     | 564                                    |
| 4×1.5                                                                                 | 1                               | 10.6                                                     | 162                                    | 19×2.5                                                                                | 1                               | 22.4                                                     | 854                                    |
| 4×2.5                                                                                 | 1                               | 12.7                                                     | 242                                    | 24×0.5                                                                                | 1                               | 16.6                                                     | 343                                    |
| 4×4                                                                                   | 1                               | 13.8                                                     | 319                                    | 24×0.75                                                                               | 1                               | 18.1                                                     | 436                                    |
| 4×6                                                                                   | 1                               | 15.0                                                     | 419                                    | 24×1.0                                                                                | 1                               | 19.1                                                     | 513                                    |
| 4×10                                                                                  | 2                               | 22.0                                                     | 768                                    | 24×1.5                                                                                | 1                               | 22.4                                                     | 728                                    |
| 5×0.5                                                                                 | 1                               | 9.3                                                      | 106                                    | 24×2.5                                                                                | 1                               | 26.0                                                     | 1060                                   |
| 5×0.75                                                                                | 1                               | 9.7                                                      | 124                                    | 27×0.5                                                                                | 1                               | 16.8                                                     | 370                                    |
| 5×1.0                                                                                 | 1                               | 10.2                                                     | 142                                    | 27×0.75                                                                               | 1                               | 17.8                                                     | 455                                    |
| 5×1.5                                                                                 | 1                               | 12.0                                                     | 201                                    | 27×1.0                                                                                | 1                               | 19.2                                                     | 556                                    |
| 5×2.5                                                                                 | 1                               | 13.6                                                     | 279                                    | 27×1.5                                                                                | 1                               | 22.0                                                     | 762                                    |
| 5×4                                                                                   | 1                               | 14.9                                                     | 371                                    | 27×2.5                                                                                | 1                               | 26.3                                                     | 1160                                   |
| 5×6                                                                                   | 1                               | 16.3                                                     | 490                                    | 30×0.5                                                                                | 1                               | 17.3                                                     | 400                                    |
| 5×10                                                                                  | 2                               | 24.0                                                     | 987                                    | 30×0.75                                                                               | 1                               | 18.8                                                     | 511                                    |
| 7×0.5                                                                                 | 1                               | 9.9                                                      | 127                                    | 30×1.0                                                                                | 1                               | 19.8                                                     | 605                                    |
| 7×0.75                                                                                | 1                               | 10.4                                                     | 150                                    | 30×1.5                                                                                | 1                               | 23.3                                                     | 861                                    |
| 7×1.0                                                                                 | 1                               | 10.9                                                     | 174                                    | 30×2.5                                                                                | 1                               | 27.2                                                     | 1269                                   |
| 7×1.5                                                                                 | 1                               | 12.8                                                     | 248                                    | 37×0.5                                                                                | 1                               | 18.9                                                     | 486                                    |
| 7×2.5                                                                                 | 1                               | 14.6                                                     | 350                                    | 37×0.75                                                                               | 1                               | 20.1                                                     | 602                                    |
| 7×4                                                                                   | 1                               | 16.0                                                     | 473                                    | 37×1.0                                                                                | 1                               | 21.8                                                     | 745                                    |
| 7×6                                                                                   | 1                               | 18.0                                                     | 648                                    | 37×1.5                                                                                | 1                               | 24.9                                                     | 1024                                   |
| 7×10                                                                                  | 2                               | 26.0                                                     | 1216                                   | 37×2.5                                                                                | 1                               | 29.1                                                     | 1519                                   |
| 8×0.5                                                                                 | 1                               | 10.5                                                     | 140                                    | 44×0.5                                                                                | 1                               | 21.5                                                     | 594                                    |
| 8×0.75                                                                                | 1                               | 11.0                                                     | 167                                    | 44×0.75                                                                               | 1                               | 22.8                                                     | 733                                    |
| 8×1.0                                                                                 | 2                               | 12.2                                                     | 209                                    | 44×1.0                                                                                | 1                               | 24.1                                                     | 870                                    |
| 8×1.5                                                                                 | 1                               | 13.7                                                     | 276                                    | 44×1.5                                                                                | 1                               | 27.7                                                     | 1200                                   |
| 8×2.5                                                                                 | 1                               | 15.6                                                     | 392                                    | 44×2.5                                                                                | 1                               | 32.5                                                     | 1788                                   |
| 8×4                                                                                   | 1                               | 17.6                                                     | 548                                    | 48×0.5                                                                                | 1                               | 21.8                                                     | 631                                    |
| 8×6                                                                                   | 1                               | 19.3                                                     | 731                                    | 48×0.75                                                                               | 1                               | 23.2                                                     | 782                                    |
| 8×10                                                                                  | 2                               | 29.0                                                     | 1387                                   | 48×1.0                                                                                | 1                               | 25.5                                                     | 930                                    |
| 10×0.5                                                                                | 1                               | 12.5                                                     | 189                                    | 48×1.5                                                                                | 1                               | 28.1                                                     | 1287                                   |
| 10×0.75                                                                               | 1                               | 13.2                                                     | 224                                    | 48×2.5                                                                                | 1                               | 33.0                                                     | 1923                                   |
| 10×1.0                                                                                | 1                               | 13.8                                                     | 259                                    | 52×0.5                                                                                | 1                               | 22.3                                                     | 671                                    |
| 10×1.5                                                                                | 1                               | 15.6                                                     | 344                                    | 52×0.75                                                                               | 1                               | 23.8                                                     | 834                                    |
| 10×2.5                                                                                | 1                               | 18.4                                                     | 509                                    | 52×1.0                                                                                | 1                               | 25.1                                                     | 993                                    |
| 10×4                                                                                  | 1                               | 24.0                                                     | 864                                    | 52×1.5                                                                                | 1                               | 28.9                                                     | 1378                                   |
| 10×6                                                                                  | 1                               | 27.0                                                     | 1108                                   | 52×2.5                                                                                | 1                               | 33.9                                                     | 2064                                   |
| 10×10                                                                                 | 2                               | 32.5                                                     | 1649                                   | 61×0.5                                                                                | 1                               | 23.5                                                     | 761                                    |
| 12×0.5                                                                                | 1                               | 12.8                                                     | 205                                    | 61×0.75                                                                               | 1                               | 25.0                                                     | 949                                    |
| 12×0.75                                                                               | 1                               | 13.5                                                     | 245                                    | 61×1.0                                                                                | 1                               | 26.5                                                     | 1135                                   |
| 12×1.0                                                                                | 1                               | 14.1                                                     | 285                                    | 61×1.5                                                                                | 1                               | 30.5                                                     | 1581                                   |
| 12×1.5                                                                                | 1                               | 16.0                                                     | 382                                    | 61×2.5                                                                                | 1                               | 36.3                                                     | 2411                                   |



| 型号 (Mode) : KVVP2 450/750V                                                            |                                 |                                                          |                                        |                                                                                       |                                 |                                                          |                                        |
|---------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|----------------------------------------|---------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|----------------------------------------|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 导体种类<br>Type<br>of<br>Conductor | 参考外径<br>(上限)<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) | 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 导体种类<br>Type<br>of<br>Conductor | 参考外径<br>(上限)<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) |
| 2×0.5                                                                                 | 1                               | 7.6                                                      | 72                                     | 12×4                                                                                  | 1                               | 22.5                                                     | 888                                    |
| 2×0.75                                                                                | 1                               | 7.9                                                      | 81                                     | 12×6                                                                                  | 1                               | 24.5                                                     | 1190                                   |
| 2×1                                                                                   | 1                               | 8.2                                                      | 90                                     | 14×0.5                                                                                | 1                               | 13.0                                                     | 228                                    |
| 2×1.5                                                                                 | 1                               | 9.1                                                      | 114                                    | 14×0.75                                                                               | 1                               | 13.8                                                     | 275                                    |
| 2×2.5                                                                                 | 1                               | 10.3                                                     | 153                                    | 14×1.0                                                                                | 1                               | 14.5                                                     | 320                                    |
| 2×4                                                                                   | 1                               | 11.9                                                     | 211                                    | 14×1.5                                                                                | 1                               | 16.5                                                     | 431                                    |
| 2×6                                                                                   | 1                               | 12.9                                                     | 270                                    | 14×2.5                                                                                | 1                               | 19.5                                                     | 643                                    |
| 3×0.5                                                                                 | 1                               | 7.9                                                      | 82                                     | 14×4                                                                                  | 1                               | 23.5                                                     | 973                                    |
| 3×0.75                                                                                | 1                               | 8.3                                                      | 94                                     | 14×6                                                                                  | 1                               | 25.5                                                     | 1203                                   |
| 3×1                                                                                   | 1                               | 8.6                                                      | 106                                    | 16×0.5                                                                                | 1                               | 13.6                                                     | 250                                    |
| 3×1.5                                                                                 | 1                               | 9.6                                                      | 136                                    | 16×0.75                                                                               | 1                               | 14.4                                                     | 303                                    |
| 3×2.5                                                                                 | 1                               | 10.9                                                     | 187                                    | 16×1.0                                                                                | 1                               | 15.1                                                     | 355                                    |
| 3×4                                                                                   | 1                               | 12.5                                                     | 261                                    | 16×1.5                                                                                | 1                               | 17.7                                                     | 495                                    |
| 3×6                                                                                   | 1                               | 13.6                                                     | 340                                    | 16×2.5                                                                                | 1                               | 21.1                                                     | 745                                    |
| 4×0.5                                                                                 | 1                               | 8.4                                                      | 95                                     | 19×0.5                                                                                | 1                               | 14.2                                                     | 282                                    |
| 4×0.75                                                                                | 1                               | 8.8                                                      | 111                                    | 19×0.75                                                                               | 1                               | 15.0                                                     | 343                                    |
| 4×1.0                                                                                 | 1                               | 9.2                                                      | 126                                    | 19×1.0                                                                                | 1                               | 15.8                                                     | 403                                    |
| 4×1.5                                                                                 | 1                               | 10.3                                                     | 163                                    | 19×1.5                                                                                | 1                               | 18.5                                                     | 565                                    |
| 4×2.5                                                                                 | 1                               | 12.4                                                     | 243                                    | 19×2.5                                                                                | 1                               | 22.1                                                     | 854                                    |
| 4×4                                                                                   | 1                               | 13.5                                                     | 320                                    | 24×0.5                                                                                | 1                               | 16.3                                                     | 346                                    |
| 4×6                                                                                   | 1                               | 14.7                                                     | 420                                    | 24×0.75                                                                               | 1                               | 17.8                                                     | 438                                    |
| 4×10                                                                                  | 2                               | 21.5                                                     | 729                                    | 24×1.0                                                                                | 1                               | 18.8                                                     | 515                                    |
| 5×0.5                                                                                 | 1                               | 9.0                                                      | 107                                    | 24×1.5                                                                                | 1                               | 22.1                                                     | 729                                    |
| 5×0.75                                                                                | 1                               | 9.4                                                      | 125                                    | 24×2.5                                                                                | 1                               | 25.7                                                     | 1061                                   |
| 5×1.0                                                                                 | 1                               | 9.9                                                      | 143                                    | 27×0.5                                                                                | 1                               | 16.5                                                     | 372                                    |
| 5×1.5                                                                                 | 1                               | 11.7                                                     | 202                                    | 27×0.75                                                                               | 1                               | 17.5                                                     | 458                                    |
| 5×2.5                                                                                 | 1                               | 13.3                                                     | 280                                    | 27×1.0                                                                                | 1                               | 18.9                                                     | 558                                    |
| 5×4                                                                                   | 1                               | 14.6                                                     | 372                                    | 27×1.5                                                                                | 1                               | 21.7                                                     | 764                                    |
| 5×6                                                                                   | 1                               | 16.0                                                     | 491                                    | 27×2.5                                                                                | 1                               | 26.0                                                     | 1161                                   |
| 5×10                                                                                  | 2                               | 23.5                                                     | 925                                    | 30×0.5                                                                                | 1                               | 17.0                                                     | 403                                    |
| 7×0.5                                                                                 | 1                               | 9.6                                                      | 127                                    | 30×0.75                                                                               | 1                               | 18.5                                                     | 513                                    |
| 7×0.75                                                                                | 1                               | 10.1                                                     | 151                                    | 30×1.0                                                                                | 1                               | 19.5                                                     | 607                                    |
| 7×1.0                                                                                 | 1                               | 10.6                                                     | 175                                    | 30×1.5                                                                                | 1                               | 23.0                                                     | 863                                    |
| 7×1.5                                                                                 | 1                               | 12.5                                                     | 248                                    | 30×2.5                                                                                | 1                               | 26.9                                                     | 1269                                   |
| 7×2.5                                                                                 | 1                               | 14.3                                                     | 351                                    | 37×0.5                                                                                | 1                               | 18.6                                                     | 489                                    |
| 7×4                                                                                   | 1                               | 15.7                                                     | 474                                    | 37×0.75                                                                               | 1                               | 19.8                                                     | 604                                    |
| 7×6                                                                                   | 1                               | 17.7                                                     | 648                                    | 37×1.0                                                                                | 1                               | 21.5                                                     | 746                                    |
| 7×10                                                                                  | 2                               | 25.0                                                     | 1146                                   | 37×1.5                                                                                | 1                               | 24.6                                                     | 1025                                   |
| 8×0.5                                                                                 | 1                               | 10.2                                                     | 141                                    | 37×2.5                                                                                | 1                               | 28.8                                                     | 1519                                   |
| 8×0.75                                                                                | 1                               | 10.7                                                     | 168                                    | 44×0.5                                                                                | 1                               | 21.2                                                     | 597                                    |
| 8×1.0                                                                                 | 1                               | 11.9                                                     | 210                                    | 44×0.75                                                                               | 1                               | 22.5                                                     | 736                                    |
| 8×1.5                                                                                 | 1                               | 13.4                                                     | 277                                    | 44×1.0                                                                                | 1                               | 23.8                                                     | 872                                    |
| 8×2.5                                                                                 | 1                               | 15.3                                                     | 393                                    | 44×1.5                                                                                | 1                               | 27.4                                                     | 1202                                   |
| 8×4                                                                                   | 1                               | 17.3                                                     | 549                                    | 44×2.5                                                                                | 1                               | 32.2                                                     | 1787                                   |
| 8×6                                                                                   | 1                               | 19.0                                                     | 730                                    | 48×0.5                                                                                | 1                               | 21.5                                                     | 634                                    |
| 8×10                                                                                  | 2                               | 28.0                                                     | 1237                                   | 48×0.75                                                                               | 1                               | 22.9                                                     | 784                                    |
| 10×0.5                                                                                | 1                               | 12.2                                                     | 190                                    | 48×1.0                                                                                | 1                               | 24.2                                                     | 932                                    |
| 10×0.75                                                                               | 1                               | 12.9                                                     | 226                                    | 48×1.5                                                                                | 1                               | 27.8                                                     | 1288                                   |
| 10×1.0                                                                                | 1                               | 13.5                                                     | 260                                    | 48×2.5                                                                                | 1                               | 32.7                                                     | 1922                                   |
| 10×1.5                                                                                | 1                               | 15.3                                                     | 346                                    | 52×0.5                                                                                | 1                               | 22.0                                                     | 674                                    |
| 10×2.5                                                                                | 1                               | 18.1                                                     | 510                                    | 52×0.75                                                                               | 1                               | 23.5                                                     | 836                                    |
| 10×4                                                                                  | 1                               | 21.5                                                     | 788                                    | 52×1.0                                                                                | 1                               | 24.8                                                     | 995                                    |
| 10×6                                                                                  | 1                               | 23.5                                                     | 993                                    | 52×1.5                                                                                | 1                               | 28.6                                                     | 1379                                   |
| 10×10                                                                                 | 2                               | 31.5                                                     | 1590                                   | 52×2.5                                                                                | 1                               | 33.6                                                     | 2062                                   |
| 12×0.5                                                                                | 1                               | 12.5                                                     | 206                                    | 61×0.5                                                                                | 1                               | 23.2                                                     | 763                                    |
| 12×0.75                                                                               | 1                               | 13.2                                                     | 247                                    | 61×0.75                                                                               | 1                               | 24.7                                                     | 951                                    |
| 12×1.0                                                                                | 1                               | 13.9                                                     | 286                                    | 61×1.0                                                                                | 1                               | 26.2                                                     | 1136                                   |
| 12×1.5                                                                                | 1                               | 15.7                                                     | 383                                    | 61×1.5                                                                                | 1                               | 30.2                                                     | 1581                                   |
| 12×2.5                                                                                | 1                               | 18.6                                                     | 569                                    | 61×2.5                                                                                | 1                               | 36.0                                                     | 2408                                   |

| 型号 (Mode) : KVVP2-22 450/750V                                                         |                                 |                                                          |                                        |                                                                                       |                                 |                                                          |                                        |
|---------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|----------------------------------------|---------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|----------------------------------------|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 导体种类<br>Type<br>of<br>Conductor | 参考外径<br>(上限)<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) | 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 导体种类<br>Type<br>of<br>Conductor | 参考外径<br>(上限)<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) |
| 2×0.5                                                                                 | 1                               | 9.6                                                      | 144                                    | 12×0.75                                                                               | 1                               | 14.6                                                     | 349                                    |
| 2×0.75                                                                                | 1                               | 9.9                                                      | 157                                    | 12×1.0                                                                                | 1                               | 15.3                                                     | 394                                    |
| 2×1                                                                                   | 1                               | 10.2                                                     | 168                                    | 12×1.5                                                                                | 1                               | 17.5                                                     | 517                                    |
| 2×1.5                                                                                 | 1                               | 11.1                                                     | 199                                    | 12×2.5                                                                                | 1                               | 20.0                                                     | 700                                    |
| 2×2.5                                                                                 | 1                               | 12.3                                                     | 249                                    | 12×4                                                                                  | 1                               | 23.6                                                     | 1056                                   |
| 2×4                                                                                   | 1                               | 13.3                                                     | 301                                    | 12×6                                                                                  | 1                               | 25.7                                                     | 1363                                   |
| 2×6                                                                                   | 1                               | 14.3                                                     | 369                                    | 14×0.5                                                                                | 1                               | 14.4                                                     | 329                                    |
| 3×0.5                                                                                 | 1                               | 9.9                                                      | 157                                    | 14×0.75                                                                               | 1                               | 15.2                                                     | 384                                    |
| 3×0.75                                                                                | 1                               | 10.3                                                     | 173                                    | 14×1.0                                                                                | 1                               | 15.9                                                     | 433                                    |
| 3×1                                                                                   | 1                               | 10.6                                                     | 188                                    | 14×1.5                                                                                | 1                               | 18.3                                                     | 571                                    |
| 3×1.5                                                                                 | 1                               | 11.6                                                     | 225                                    | 14×2.5                                                                                | 1                               | 20.9                                                     | 776                                    |
| 3×2.5                                                                                 | 1                               | 12.9                                                     | 287                                    | 14×4                                                                                  | 1                               | 24.7                                                     | 1176                                   |
| 3×4                                                                                   | 1                               | 13.9                                                     | 355                                    | 14×6                                                                                  | 1                               | 27.0                                                     | 1519                                   |
| 3×6                                                                                   | 1                               | 15.4                                                     | 454                                    | 16×0.5                                                                                | 1                               | 15.0                                                     | 356                                    |
| 4×0.5                                                                                 | 1                               | 10.4                                                     | 175                                    | 16×0.75                                                                               | 1                               | 15.8                                                     | 415                                    |
| 4×0.75                                                                                | 1                               | 10.8                                                     | 194                                    | 16×1.0                                                                                | 1                               | 16.5                                                     | 472                                    |
| 4×1.0                                                                                 | 1                               | 11.2                                                     | 213                                    | 16×1.5                                                                                | 1                               | 19.1                                                     | 626                                    |
| 4×1.5                                                                                 | 1                               | 12.3                                                     | 259                                    | 16×2.5                                                                                | 1                               | 21.9                                                     | 860                                    |
| 4×2.5                                                                                 | 1                               | 13.8                                                     | 334                                    | 19×0.5                                                                                | 1                               | 15.6                                                     | 392                                    |
| 4×4                                                                                   | 1                               | 14.9                                                     | 421                                    | 19×0.75                                                                               | 1                               | 16.4                                                     | 460                                    |
| 4×6                                                                                   | 1                               | 16.5                                                     | 545                                    | 19×1.0                                                                                | 1                               | 17.6                                                     | 542                                    |
| 4×10                                                                                  | 2                               | 20.2                                                     | 897                                    | 19×1.5                                                                                | 1                               | 19.9                                                     | 701                                    |
| 5×0.5                                                                                 | 1                               | 11.0                                                     | 192                                    | 19×2.5                                                                                | 1                               | 22.9                                                     | 972                                    |
| 5×0.75                                                                                | 1                               | 11.4                                                     | 215                                    | 24×0.75                                                                               | 1                               | 20.0                                                     | 700                                    |
| 5×1.0                                                                                 | 1                               | 11.9                                                     | 236                                    | 24×1.0                                                                                | 1                               | 21.1                                                     | 786                                    |
| 5×1.5                                                                                 | 1                               | 13.1                                                     | 290                                    | 24×1.5                                                                                | 1                               | 22.5                                                     | 1021                                   |
| 5×2.5                                                                                 | 1                               | 14.7                                                     | 378                                    | 24×2.5                                                                                | 1                               | 26.8                                                     | 1375                                   |
| 5×4                                                                                   | 1                               | 16.4                                                     | 496                                    | 27×0.75                                                                               | 1                               | 21.5                                                     | 740                                    |
| 5×6                                                                                   | 1                               | 17.8                                                     | 626                                    | 27×1.0                                                                                | 1                               | 22.2                                                     | 831                                    |
| 5×10                                                                                  | 2                               | 24.0                                                     | 1068                                   | 27×1.5                                                                                | 1                               | 24.8                                                     | 1075                                   |
| 7×0.5                                                                                 | 1                               | 11.6                                                     | 218                                    | 27×2.5                                                                                | 1                               | 28.5                                                     | 1485                                   |
| 7×0.75                                                                                | 1                               | 12.1                                                     | 247                                    | 30×0.75                                                                               | 1                               | 21.8                                                     | 777                                    |
| 7×1.0                                                                                 | 1                               | 12.6                                                     | 275                                    | 30×1.0                                                                                | 1                               | 22.9                                                     | 889                                    |
| 7×1.5                                                                                 | 1                               | 13.9                                                     | 343                                    | 30×1.5                                                                                | 1                               | 25.9                                                     | 1145                                   |
| 7×2.5                                                                                 | 1                               | 15.7                                                     | 455                                    | 30×2.5                                                                                | 1                               | 30.2                                                     | 1626                                   |
| 7×4                                                                                   | 1                               | 17.5                                                     | 606                                    | 37×0.75                                                                               | 1                               | 23.0                                                     | 878                                    |
| 7×6                                                                                   | 1                               | 19.1                                                     | 777                                    | 37×1.0                                                                                | 1                               | 26.1                                                     | 1225                                   |
| 7×10                                                                                  | 2                               | 25.8                                                     | 1326                                   | 37×1.5                                                                                | 1                               | 29.4                                                     | 1607                                   |
| 8×0.5                                                                                 | 1                               | 12.2                                                     | 238                                    | 37×2.5                                                                                | 1                               | 34.5                                                     | 2235                                   |
| 8×0.75                                                                                | 1                               | 12.7                                                     | 271                                    | 44×0.75                                                                               | 1                               | 26.3                                                     | 1036                                   |
| 8×1.0                                                                                 | 1                               | 13.3                                                     | 303                                    | 44×1.0                                                                                | 1                               | 27.8                                                     | 1198                                   |
| 8×1.5                                                                                 | 1                               | 14.8                                                     | 379                                    | 44×1.5                                                                                | 1                               | 31.5                                                     | 1612                                   |
| 8×2.5                                                                                 | 1                               | 17.1                                                     | 520                                    | 44×2.5                                                                                | 1                               | 38.9                                                     | 2654                                   |
| 8×4                                                                                   | 1                               | 18.7                                                     | 677                                    | 48×0.75                                                                               | 1                               | 26.9                                                     | 1085                                   |
| 8×6                                                                                   | 1                               | 20.4                                                     | 871                                    | 48×1.0                                                                                | 1                               | 28.5                                                     | 1245                                   |
| 8×10                                                                                  | 2                               | 32.5                                                     | 1645                                   | 48×1.5                                                                                | 1                               | 34.1                                                     | 1998                                   |
| 10×0.5                                                                                | 1                               | 13.6                                                     | 285                                    | 48×2.5                                                                                | 1                               | 39.1                                                     | 2780                                   |
| 10×0.75                                                                               | 1                               | 14.3                                                     | 326                                    | 52×0.75                                                                               | 1                               | 27.4                                                     | 1128                                   |
| 10×1.0                                                                                | 1                               | 14.9                                                     | 365                                    | 52×1.0                                                                                | 1                               | 28.9                                                     | 1325                                   |
| 10×1.5                                                                                | 1                               | 16.7                                                     | 462                                    | 52×1.5                                                                                | 1                               | 34.3                                                     | 2105                                   |
| 10×2.5                                                                                | 1                               | 19.5                                                     | 640                                    | 52×2.5                                                                                | 1                               | 39.8                                                     | 2948                                   |
| 10×4                                                                                  | 1                               | 23.0                                                     | 849                                    | 61×0.75                                                                               | 1                               | 28.9                                                     | 1275                                   |
| 10×6                                                                                  | 1                               | 25.1                                                     | 1198                                   | 61×1.0                                                                                | 1                               | 30.2                                                     | 1484                                   |
| 10×10                                                                                 | 2                               | 32.4                                                     | 1867                                   | 61×1.5                                                                                | 1                               | 36.8                                                     | 2305                                   |
| 12×0.5                                                                                | 1                               | 13.9                                                     | 303                                    | 61×2.5                                                                                | 1                               | 42.0                                                     | 3308                                   |



| 型号 (Mode) : KVV 450/750V                                                              |                                 |                                                          |                                        |                                                                                       |                                 |                                                          |                                        |
|---------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|----------------------------------------|---------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|----------------------------------------|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 导体种类<br>Type<br>of<br>Conductor | 参考外径<br>(上限)<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) | 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 导体种类<br>Type<br>of<br>Conductor | 参考外径<br>(上限)<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) |
| 2×0.5                                                                                 | 5                               | 7.6                                                      | 56                                     | 14×1.0                                                                                | 5                               | 15.0                                                     | 294                                    |
| 2×0.75                                                                                | 5                               | 8.0                                                      | 65                                     | 14×1.5                                                                                | 5                               | 17.0                                                     | 400                                    |
| 2×1                                                                                   | 5                               | 8.3                                                      | 73                                     | 14×2.5                                                                                | 5                               | 20.5                                                     | 613                                    |
| 2×1.5                                                                                 | 5                               | 9.2                                                      | 93                                     | 16×0.5                                                                                | 5                               | 14.0                                                     | 225                                    |
| 2×2.5                                                                                 | 5                               | 10.6                                                     | 130                                    | 16×0.75                                                                               | 5                               | 15.0                                                     | 279                                    |
| 2×4                                                                                   | 5                               | 11.5                                                     | 170                                    | 16×1.0                                                                                | 5                               | 15.7                                                     | 327                                    |
| 2×6                                                                                   | 5                               | 14.1                                                     | 251                                    | 16×1.5                                                                                | 5                               | 17.8                                                     | 447                                    |
| 3×0.5                                                                                 | 5                               | 7.9                                                      | 66                                     | 16×2.5                                                                                | 5                               | 21.9                                                     | 690                                    |
| 3×0.75                                                                                | 5                               | 8.4                                                      | 78                                     | 19×0.5                                                                                | 5                               | 14.6                                                     | 256                                    |
| 3×1                                                                                   | 5                               | 8.7                                                      | 88                                     | 19×0.75                                                                               | 5                               | 15.7                                                     | 319                                    |
| 3×1.5                                                                                 | 5                               | 9.7                                                      | 115                                    | 19×1.0                                                                                | 5                               | 16.5                                                     | 376                                    |
| 3×2.5                                                                                 | 5                               | 11.2                                                     | 164                                    | 19×1.5                                                                                | 5                               | 18.7                                                     | 517                                    |
| 3×4                                                                                   | 5                               | 12.2                                                     | 219                                    | 19×2.5                                                                                | 5                               | 22.7                                                     | 797                                    |
| 3×6                                                                                   | 5                               | 14.9                                                     | 322                                    | 24×0.5                                                                                | 5                               | 16.7                                                     | 315                                    |
| 4×0.5                                                                                 | 5                               | 8.5                                                      | 78                                     | 24×0.75                                                                               | 5                               | 18.0                                                     | 394                                    |
| 4×0.75                                                                                | 5                               | 9.0                                                      | 93                                     | 24×1.0                                                                                | 5                               | 18.9                                                     | 465                                    |
| 4×1.0                                                                                 | 5                               | 9.4                                                      | 107                                    | 24×1.5                                                                                | 5                               | 22.0                                                     | 661                                    |
| 4×1.5                                                                                 | 5                               | 10.5                                                     | 141                                    | 24×2.5                                                                                | 5                               | 26.9                                                     | 1027                                   |
| 4×2.5                                                                                 | 5                               | 12.1                                                     | 203                                    | 27×0.5                                                                                | 5                               | 16.9                                                     | 343                                    |
| 4×4                                                                                   | 5                               | 13.9                                                     | 292                                    | 27×0.75                                                                               | 5                               | 18.3                                                     | 430                                    |
| 4×6                                                                                   | 5                               | 16.2                                                     | 402                                    | 27×1.0                                                                                | 5                               | 19.2                                                     | 510                                    |
| 5×0.5                                                                                 | 5                               | 9.1                                                      | 88                                     | 27×1.5                                                                                | 5                               | 22.3                                                     | 727                                    |
| 5×0.75                                                                                | 5                               | 9.7                                                      | 106                                    | 27×2.5                                                                                | 5                               | 27.3                                                     | 1131                                   |
| 5×1.0                                                                                 | 5                               | 10.1                                                     | 122                                    | 30×0.5                                                                                | 5                               | 17.6                                                     | 374                                    |
| 5×1.5                                                                                 | 5                               | 11.3                                                     | 163                                    | 30×0.75                                                                               | 5                               | 19.0                                                     | 471                                    |
| 5×2.5                                                                                 | 5                               | 13.8                                                     | 255                                    | 30×1.0                                                                                | 5                               | 20.0                                                     | 559                                    |
| 5×4                                                                                   | 5                               | 15.1                                                     | 343                                    | 30×1.5                                                                                | 5                               | 23.3                                                     | 797                                    |
| 5×6                                                                                   | 5                               | 17.7                                                     | 473                                    | 30×2.5                                                                                | 5                               | 28.4                                                     | 1242                                   |
| 7×0.5                                                                                 | 5                               | 9.7                                                      | 108                                    | 37×0.5                                                                                | 5                               | 19.3                                                     | 460                                    |
| 7×0.75                                                                                | 5                               | 10.4                                                     | 132                                    | 37×0.75                                                                               | 5                               | 20.8                                                     | 580                                    |
| 7×1.0                                                                                 | 5                               | 10.8                                                     | 153                                    | 37×1.0                                                                                | 5                               | 22.5                                                     | 718                                    |
| 7×1.5                                                                                 | 5                               | 12.2                                                     | 207                                    | 37×1.5                                                                                | 5                               | 25.6                                                     | 991                                    |
| 7×2.5                                                                                 | 5                               | 14.9                                                     | 325                                    | 37×2.5                                                                                | 5                               | 30.6                                                     | 1495                                   |
| 7×4                                                                                   | 5                               | 16.3                                                     | 444                                    | 44×0.5                                                                                | 5                               | 22.0                                                     | 567                                    |
| 7×6                                                                                   | 5                               | 19.2                                                     | 618                                    | 44×0.75                                                                               | 5                               | 23.8                                                     | 711                                    |
| 8×0.5                                                                                 | 5                               | 10.7                                                     | 122                                    | 44×1.0                                                                                | 5                               | 25.0                                                     | 842                                    |
| 8×0.75                                                                                | 5                               | 11.4                                                     | 149                                    | 44×1.5                                                                                | 5                               | 28.6                                                     | 1165                                   |
| 8×1.0                                                                                 | 5                               | 12.0                                                     | 174                                    | 44×2.5                                                                                | 5                               | 34.2                                                     | 1763                                   |
| 8×1.5                                                                                 | 5                               | 14.1                                                     | 254                                    | 48×0.5                                                                                | 5                               | 22.3                                                     | 605                                    |
| 8×2.5                                                                                 | 5                               | 16.6                                                     | 370                                    | 48×0.75                                                                               | 5                               | 24.1                                                     | 761                                    |
| 8×4                                                                                   | 5                               | 18.2                                                     | 506                                    | 48×1.0                                                                                | 5                               | 25.3                                                     | 903                                    |
| 8×6                                                                                   | 5                               | 21.9                                                     | 723                                    | 48×1.5                                                                                | 5                               | 29.0                                                     | 1253                                   |
| 10×0.5                                                                                | 5                               | 11.9                                                     | 151                                    | 48×2.5                                                                                | 5                               | 34.8                                                     | 1091                                   |
| 10×0.75                                                                               | 5                               | 12.7                                                     | 185                                    | 52×0.5                                                                                | 5                               | 22.9                                                     | 646                                    |
| 10×1.0                                                                                | 5                               | 13.9                                                     | 234                                    | 52×0.75                                                                               | 5                               | 24.8                                                     | 814                                    |
| 10×1.5                                                                                | 5                               | 15.7                                                     | 314                                    | 52×1.0                                                                                | 5                               | 26.0                                                     | 967                                    |
| 10×2.5                                                                                | 5                               | 18.6                                                     | 463                                    | 52×1.5                                                                                | 5                               | 29.8                                                     | 1344                                   |
| 12×0.5                                                                                | 5                               | 12.2                                                     | 166                                    | 52×2.5                                                                                | 5                               | 35.8                                                     | 2044                                   |
| 12×0.75                                                                               | 5                               | 13.1                                                     | 206                                    | 61×0.5                                                                                | 5                               | 24.1                                                     | 736                                    |
| 12×1.0                                                                                | 5                               | 14.3                                                     | 260                                    | 61×0.75                                                                               | 5                               | 26.1                                                     | 932                                    |
| 12×1.5                                                                                | 5                               | 16.2                                                     | 352                                    | 61×1.0                                                                                | 5                               | 27.5                                                     | 1110                                   |
| 12×2.5                                                                                | 5                               | 19.2                                                     | 522                                    | 61×1.5                                                                                | 5                               | 31.5                                                     | 1549                                   |
| 14×0.5                                                                                | 5                               | 12.7                                                     | 186                                    | 61×2.5                                                                                | 5                               | 38.3                                                     | 2398                                   |
| 14×0.75                                                                               | 5                               | 14.3                                                     | 251                                    |                                                                                       |                                 |                                                          |                                        |

| 型号 (Mode) : KVV RP 450/750V                                                           |                                 |                                                          |                                        |                                                                                       |                                 |                                                          |                                        |
|---------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|----------------------------------------|---------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|----------------------------------------|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 导体种类<br>Type<br>of<br>Conductor | 参考外径<br>(上限)<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) | 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 导体种类<br>Type<br>of<br>Conductor | 参考外径<br>(上限)<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) |
| 2×0.5                                                                                 | 5                               | 8.2                                                      | 76                                     | 14×1.0                                                                                | 5                               | 15.6                                                     | 340                                    |
| 2×0.75                                                                                | 5                               | 8.6                                                      | 86                                     | 14×1.5                                                                                | 5                               | 17.6                                                     | 453                                    |
| 2×1                                                                                   | 5                               | 8.9                                                      | 95                                     | 14×2.5                                                                                | 5                               | 21.1                                                     | 677                                    |
| 2×1.5                                                                                 | 5                               | 9.8                                                      | 118                                    | 16×0.5                                                                                | 5                               | 14.6                                                     | 268                                    |
| 2×2.5                                                                                 | 5                               | 11.2                                                     | 159                                    | 16×0.75                                                                               | 5                               | 15.6                                                     | 325                                    |
| 2×4                                                                                   | 5                               | 12.1                                                     | 202                                    | 16×1.0                                                                                | 5                               | 16.3                                                     | 376                                    |
| 2×6                                                                                   | 5                               | 14.7                                                     | 291                                    | 16×1.5                                                                                | 5                               | 18.4                                                     | 504                                    |
| 3×0.5                                                                                 | 5                               | 8.5                                                      | 87                                     | 16×2.5                                                                                | 5                               | 22.5                                                     | 761                                    |
| 3×0.75                                                                                | 5                               | 9.0                                                      | 100                                    | 19×0.5                                                                                | 5                               | 15.2                                                     | 301                                    |
| 3×1                                                                                   | 5                               | 9.3                                                      | 112                                    | 19×0.75                                                                               | 5                               | 16.3                                                     | 368                                    |
| 3×1.5                                                                                 | 5                               | 10.3                                                     | 142                                    | 19×1.0                                                                                | 5                               | 17.1                                                     | 429                                    |
| 3×2.5                                                                                 | 5                               | 11.8                                                     | 196                                    | 19×1.5                                                                                | 5                               | 19.3                                                     | 577                                    |
| 3×4                                                                                   | 5                               | 12.8                                                     | 255                                    | 19×2.5                                                                                | 5                               | 23.3                                                     | 871                                    |
| 3×6                                                                                   | 5                               | 15.5                                                     | 366                                    | 24×0.5                                                                                | 5                               | 17.3                                                     | 368                                    |
| 4×0.5                                                                                 | 5                               | 9.1                                                      | 101                                    | 24×0.75                                                                               | 5                               | 18.6                                                     | 452                                    |
| 4×0.75                                                                                | 5                               | 9.6                                                      | 118                                    | 24×1.0                                                                                | 5                               | 19.5                                                     | 527                                    |
| 4×1.0                                                                                 | 5                               | 10.0                                                     | 133                                    | 24×1.5                                                                                | 5                               | 22.6                                                     | 734                                    |
| 4×1.5                                                                                 | 5                               | 11.1                                                     | 170                                    | 24×2.5                                                                                | 5                               | 27.5                                                     | 1116                                   |
| 4×2.5                                                                                 | 5                               | 12.7                                                     | 238                                    | 27×0.5                                                                                | 5                               | 17.5                                                     | 397                                    |
| 4×4                                                                                   | 5                               | 14.5                                                     | 332                                    | 27×0.75                                                                               | 5                               | 18.9                                                     | 491                                    |
| 4×6                                                                                   | 5                               | 16.8                                                     | 450                                    | 27×1.0                                                                                | 5                               | 19.8                                                     | 574                                    |
| 5×0.5                                                                                 | 5                               | 9.7                                                      | 113                                    | 27×1.5                                                                                | 5                               | 22.9                                                     | 801                                    |
| 5×0.75                                                                                | 5                               | 10.3                                                     | 134                                    | 27×2.5                                                                                | 5                               | 27.9                                                     | 1223                                   |
| 5×1.0                                                                                 | 5                               | 10.7                                                     | 151                                    | 30×0.5                                                                                | 5                               | 18.2                                                     | 432                                    |
| 5×1.5                                                                                 | 5                               | 11.9                                                     | 196                                    | 30×0.75                                                                               | 5                               | 19.6                                                     | 534                                    |
| 5×2.5                                                                                 | 5                               | 14.4                                                     | 295                                    | 30×1.0                                                                                | 5                               | 20.6                                                     | 627                                    |
| 5×4                                                                                   | 5                               | 15.7                                                     | 387                                    | 30×1.5                                                                                | 5                               | 23.9                                                     | 876                                    |
| 5×6                                                                                   | 5                               | 18.3                                                     | 527                                    | 30×2.5                                                                                | 5                               | 29.0                                                     | 1227                                   |
| 7×0.5                                                                                 | 5                               | 10.3                                                     | 135                                    | 37×0.5                                                                                | 5                               | 19.9                                                     | 525                                    |
| 7×0.75                                                                                | 5                               | 11.0                                                     | 162                                    | 37×0.75                                                                               | 5                               | 21.4                                                     | 651                                    |
| 7×1.0                                                                                 | 5                               | 11.4                                                     | 185                                    | 37×1.0                                                                                | 5                               | 23.1                                                     | 794                                    |
| 7×1.5                                                                                 | 5                               | 12.8                                                     | 244                                    | 37×1.5                                                                                | 5                               | 26.2                                                     | 1079                                   |
| 7×2.5                                                                                 | 5                               | 15.5                                                     | 369                                    | 37×2.5                                                                                | 5                               | 31.2                                                     | 1063                                   |
| 7×4                                                                                   | 5                               | 16.9                                                     | 494                                    | 44×0.5                                                                                | 5                               | 22.6                                                     | 641                                    |
| 7×6                                                                                   | 5                               | 19.8                                                     | 678                                    | 44×0.75                                                                               | 5                               | 24.4                                                     | 792                                    |
| 8×0.5                                                                                 | 5                               | 11.3                                                     | 153                                    | 44×1.0                                                                                | 5                               | 25.6                                                     | 928                                    |
| 8×0.75                                                                                | 5                               | 12.0                                                     | 183                                    | 44×1.5                                                                                | 5                               | 29.2                                                     | 1265                                   |
| 8×1.0                                                                                 | 5                               | 12.6                                                     | 210                                    | 44×2.5                                                                                | 5                               | 34.8                                                     | 1886                                   |
| 8×1.5                                                                                 | 5                               | 14.7                                                     | 295                                    | 48×0.5                                                                                | 5                               | 22.9                                                     | 681                                    |
| 8×2.5                                                                                 | 5                               | 17.2                                                     | 420                                    | 48×0.75                                                                               | 5                               | 24.7                                                     | 845                                    |
| 8×4                                                                                   | 5                               | 18.8                                                     | 562                                    | 48×1.0                                                                                | 5                               | 25.9                                                     | 992                                    |
| 8×6                                                                                   | 5                               | 22.5                                                     | 793                                    | 48×1.5                                                                                | 5                               | 29.6                                                     | 1357                                   |
| 10×0.5                                                                                | 5                               | 12.5                                                     | 186                                    | 48×2.5                                                                                | 5                               | 35.4                                                     | 2028                                   |
| 10×0.75                                                                               | 5                               | 13.3                                                     | 223                                    | 52×0.5                                                                                | 5                               | 23.5                                                     | 725                                    |
| 10×1.0                                                                                | 5                               | 14.5                                                     | 275                                    | 52×0.75                                                                               | 5                               | 25.4                                                     | 901                                    |
| 10×1.5                                                                                | 5                               | 16.3                                                     | 362                                    | 52×1.0                                                                                | 5                               | 26.6                                                     | 1060                                   |
| 10×2.5                                                                                | 5                               | 19.2                                                     | 520                                    | 52×1.5                                                                                | 5                               | 30.4                                                     | 1452                                   |
| 12×0.5                                                                                | 5                               | 12.8                                                     | 202                                    | 52×2.5                                                                                | 5                               | 36.4                                                     | 2176                                   |
| 12×0.75                                                                               | 5                               | 13.7                                                     | 246                                    | 61×0.5                                                                                | 5                               | 24.7                                                     | 821                                    |
| 12×1.0                                                                                | 5                               | 14.9                                                     | 303                                    | 61×0.75                                                                               | 5                               | 26.7                                                     | 1026                                   |
| 12×1.5                                                                                | 5                               | 16.8                                                     | 402                                    | 61×1.0                                                                                | 5                               | 28.1                                                     | 1211                                   |
| 12×2.5                                                                                | 5                               | 19.8                                                     | 582                                    | 61×1.5                                                                                | 5                               | 32.1                                                     | 1666                                   |
| 14×0.5                                                                                | 5                               | 13.3                                                     | 225                                    | 61×2.5                                                                                | 5                               | 38.9                                                     | 2542                                   |
| 14×0.75                                                                               | 5                               | 14.9                                                     | 294                                    |                                                                                       |                                 |                                                          |                                        |



| 型号 (Mode) : KYJV      450/750V                                                        |                                 |                                                          |                                        |                                                                                       |                                 |                                                          |                                        |
|---------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|----------------------------------------|---------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|----------------------------------------|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 导体种类<br>Type<br>of<br>Conductor | 参考外径<br>(上限)<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) | 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 导体种类<br>Type<br>of<br>Conductor | 参考外径<br>(上限)<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) |
| 2×0.5                                                                                 | 1                               | 7.3                                                      | 51                                     | 14×0.75                                                                               | 1                               | 13.5                                                     | 216                                    |
| 2×0.75                                                                                | 1                               | 7.6                                                      | 59                                     | 14×1.0                                                                                | 1                               | 14.2                                                     | 257                                    |
| 2×1.0                                                                                 | 1                               | 7.9                                                      | 66                                     | 14×1.5                                                                                | 1                               | 16.2                                                     | 347                                    |
| 2×1.5                                                                                 | 1                               | 8.8                                                      | 84                                     | 14×2.5                                                                                | 1                               | 17.9                                                     | 487                                    |
| 2×2.5                                                                                 | 1                               | 9.6                                                      | 112                                    | 16×0.5                                                                                | 1                               | 13.3                                                     | 193                                    |
| 2×4                                                                                   | 1                               | 10.6                                                     | 150                                    | 16×0.75                                                                               | 1                               | 14.1                                                     | 239                                    |
| 2×6                                                                                   | 1                               | 11.6                                                     | 202                                    | 16×1.0                                                                                | 1                               | 14.8                                                     | 286                                    |
| 3×0.5                                                                                 | 1                               | 7.6                                                      | 59                                     | 16×1.5                                                                                | 1                               | 17.0                                                     | 388                                    |
| 3×0.75                                                                                | 1                               | 8.0                                                      | 69                                     | 16×2.5                                                                                | 1                               | 18.8                                                     | 550                                    |
| 3×1.0                                                                                 | 1                               | 8.3                                                      | 79                                     | 19×0.5                                                                                | 1                               | 13.9                                                     | 218                                    |
| 3×1.5                                                                                 | 1                               | 9.3                                                      | 103                                    | 19×0.75                                                                               | 1                               | 14.7                                                     | 273                                    |
| 3×2.5                                                                                 | 1                               | 10.1                                                     | 139                                    | 19×1.0                                                                                | 1                               | 15.5                                                     | 327                                    |
| 3×4                                                                                   | 1                               | 11.1                                                     | 192                                    | 19×1.5                                                                                | 1                               | 17.8                                                     | 447                                    |
| 3×6                                                                                   | 1                               | 12.6                                                     | 272                                    | 19×2.5                                                                                | 1                               | 19.8                                                     | 638                                    |
| 4×0.5                                                                                 | 1                               | 8.1                                                      | 69                                     | 24×0.5                                                                                | 1                               | 16.0                                                     | 269                                    |
| 4×0.75                                                                                | 1                               | 8.5                                                      | 82                                     | 24×0.75                                                                               | 1                               | 17.1                                                     | 337                                    |
| 4×1.0                                                                                 | 1                               | 8.9                                                      | 95                                     | 24×1.0                                                                                | 1                               | 18.1                                                     | 406                                    |
| 4×1.5                                                                                 | 1                               | 10.0                                                     | 125                                    | 24×1.5                                                                                | 1                               | 21.2                                                     | 583                                    |
| 4×2.5                                                                                 | 1                               | 11.0                                                     | 170                                    | 24×2.5                                                                                | 1                               | 23.6                                                     | 843                                    |
| 4×4                                                                                   | 1                               | 12.1                                                     | 239                                    | 27×0.5                                                                                | 1                               | 16.2                                                     | 292                                    |
| 4×6                                                                                   | 1                               | 14.0                                                     | 346                                    | 27×0.75                                                                               | 1                               | 17.2                                                     | 368                                    |
| —                                                                                     | —                               | —                                                        | —                                      | 27×1.0                                                                                | 1                               | 18.2                                                     | 444                                    |
| 5×0.5                                                                                 | 1                               | 8.7                                                      | 77                                     | 27×1.5                                                                                | 1                               | 21.4                                                     | 639                                    |
| 5×0.75                                                                                | 1                               | 9.1                                                      | 93                                     | 27×2.5                                                                                | 1                               | 23.8                                                     | 929                                    |
| 5×1.0                                                                                 | 1                               | 9.6                                                      | 108                                    | 30×0.5                                                                                | 1                               | 16.7                                                     | 317                                    |
| 5×1.5                                                                                 | 1                               | 10.6                                                     | 143                                    | 30×0.75                                                                               | 1                               | 17.8                                                     | 401                                    |
| 5×2.5                                                                                 | 1                               | 11.9                                                     | 197                                    | 30×1.0                                                                                | 1                               | 19.2                                                     | 501                                    |
| 5×4                                                                                   | 1                               | 13.7                                                     | 298                                    | 30×1.5                                                                                | 1                               | 22.1                                                     | 699                                    |
| 5×6                                                                                   | 1                               | 15.1                                                     | 406                                    | 30×2.5                                                                                | 1                               | 24.7                                                     | 1020                                   |
| 7×0.5                                                                                 | 1                               | 9.3                                                      | 93                                     | 37×0.5                                                                                | 1                               | 18.3                                                     | 390                                    |
| 7×0.75                                                                                | 1                               | 9.8                                                      | 114                                    | 37×0.75                                                                               | 1                               | 19.5                                                     | 494                                    |
| 7×1.0                                                                                 | 1                               | 10.3                                                     | 135                                    | 37×1.0                                                                                | 1                               | 20.6                                                     | 599                                    |
| 7×1.5                                                                                 | 1                               | 11.6                                                     | 181                                    | 37×1.5                                                                                | 1                               | 23.7                                                     | 838                                    |
| 7×2.5                                                                                 | 1                               | 12.8                                                     | 252                                    | 37×2.5                                                                                | 1                               | 26.5                                                     | 1230                                   |
| 7×4                                                                                   | 1                               | 14.8                                                     | 385                                    | 44×0.5                                                                                | 1                               | 20.3                                                     | 456                                    |
| 7×6                                                                                   | 1                               | 16.4                                                     | 529                                    | 44×0.75                                                                               | 1                               | 21.6                                                     | 579                                    |
| 8×0.5                                                                                 | 1                               | 9.9                                                      | 104                                    | 44×1.0                                                                                | 1                               | 22.9                                                     | 702                                    |
| 8×0.75                                                                                | 1                               | 10.4                                                     | 127                                    | 44×1.5                                                                                | 1                               | 26.5                                                     | 987                                    |
| 8×1.0                                                                                 | 1                               | 11.0                                                     | 151                                    | 44×2.5                                                                                | 1                               | 30.3                                                     | 1491                                   |
| 8×1.5                                                                                 | 1                               | 12.5                                                     | 203                                    | 48×0.5                                                                                | 1                               | 20.6                                                     | 486                                    |
| 8×2.5                                                                                 | 1                               | 14.4                                                     | 303                                    | 48×0.75                                                                               | 1                               | 22.0                                                     | 619                                    |
| 8×4                                                                                   | 1                               | 15.9                                                     | 435                                    | 48×1.0                                                                                | 1                               | 23.3                                                     | 754                                    |
| 8×6                                                                                   | 1                               | 17.6                                                     | 599                                    | 48×1.5                                                                                | 1                               | 26.9                                                     | 1062                                   |
| 10×0.5                                                                                | 1                               | 11.3                                                     | 129                                    | 48×2.5                                                                                | 1                               | 30.8                                                     | 1608                                   |
| 10×0.75                                                                               | 1                               | 12.0                                                     | 160                                    | 52×0.5                                                                                | 1                               | 21.1                                                     | 519                                    |
| 10×1.0                                                                                | 1                               | 13.2                                                     | 207                                    | 52×0.75                                                                               | 1                               | 22.6                                                     | 663                                    |
| 10×1.5                                                                                | 1                               | 15.4                                                     | 289                                    | 52×1.0                                                                                | 1                               | 23.9                                                     | 807                                    |
| 10×2.5                                                                                | 1                               | 17.0                                                     | 399                                    | 52×1.5                                                                                | 1                               | 27.7                                                     | 1140                                   |
| 12×0.5                                                                                | 1                               | 11.6                                                     | 141                                    | 52×2.5                                                                                | 1                               | 31.7                                                     | 1728                                   |
| 12×0.75                                                                               | 1                               | 12.3                                                     | 176                                    | 61×0.5                                                                                | 1                               | 22.3                                                     | 592                                    |
| 12×1.0                                                                                | 1                               | 13.6                                                     | 228                                    | 61×0.75                                                                               | 1                               | 23.8                                                     | 760                                    |
| 12×1.5                                                                                | 1                               | 15.8                                                     | 321                                    | 61×1.0                                                                                | 1                               | 25.3                                                     | 929                                    |
| 12×2.5                                                                                | 1                               | 17.5                                                     | 445                                    | 61×1.5                                                                                | 1                               | 29.3                                                     | 1316                                   |
| 14×0.5                                                                                | 1                               | 12.7                                                     | 175                                    | 61×2.5                                                                                | 1                               | 33.5                                                     | 1998                                   |

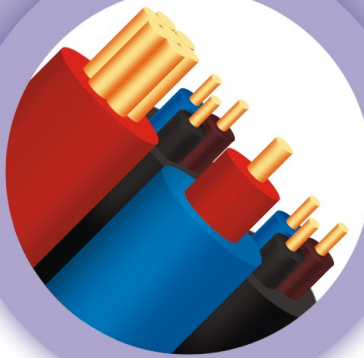
| 型号 (Mode) : KYJV22      450/750V                                                      |                                 |                                                          |                                        |                                                                                       |                                 |                                                          |                                        |
|---------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|----------------------------------------|---------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|----------------------------------------|
| 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 导体种类<br>Type<br>of<br>Conductor | 参考外径<br>(上限)<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) | 芯数×标称截面<br>No. of Cores ×<br>Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 导体种类<br>Type<br>of<br>Conductor | 参考外径<br>(上限)<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) |
| 2×0.5                                                                                 | 1                               | 8.3                                                      | 104                                    | 14×1.0                                                                                | 1                               | 15.0                                                     | 360                                    |
| 2×0.75                                                                                | 1                               | 8.6                                                      | 115                                    | 14×1.5                                                                                | 1                               | 17.0                                                     | 472                                    |
| 2×1.0                                                                                 | 1                               | 8.9                                                      | 126                                    | 14×2.5                                                                                | 1                               | 19.1                                                     | 657                                    |
| 2×1.5                                                                                 | 1                               | 9.8                                                      | 153                                    | 16×0.5                                                                                | 1                               | 14.1                                                     | 287                                    |
| 2×2.5                                                                                 | 1                               | 10.6                                                     | 190                                    | 16×0.75                                                                               | 1                               | 14.9                                                     | 342                                    |
| 2×4                                                                                   | 1                               | 11.6                                                     | 237                                    | 16×1.0                                                                                | 1                               | 15.6                                                     | 394                                    |
| 2×6                                                                                   | 1                               | 12.6                                                     | 300                                    | 16×1.5                                                                                | 1                               | 17.8                                                     | 521                                    |
| 3×0.5                                                                                 | 1                               | 8.6                                                      | 114                                    | 16×2.5                                                                                | 1                               | 20.0                                                     | 728                                    |
| 3×0.75                                                                                | 1                               | 9.0                                                      | 129                                    | 19×0.5                                                                                | 1                               | 14.7                                                     | 318                                    |
| 3×1.0                                                                                 | 1                               | 9.3                                                      | 142                                    | 19×0.75                                                                               | 1                               | 15.5                                                     | 381                                    |
| 3×1.5                                                                                 | 1                               | 10.3                                                     | 176                                    | 19×1.0                                                                                | 1                               | 16.3                                                     | 442                                    |
| 3×2.5                                                                                 | 1                               | 11.1                                                     | 223                                    | 19×1.5                                                                                | 1                               | 18.6                                                     | 588                                    |
| 3×4                                                                                   | 1                               | 12.1                                                     | 286                                    | 19×2.5                                                                                | 1                               | 21.0                                                     | 829                                    |
| 3×6                                                                                   | 1                               | 13.6                                                     | 373                                    | 24×0.5                                                                                | 1                               | 16.4                                                     | 381                                    |
| 4×0.5                                                                                 | 1                               | 9.5                                                      | 135                                    | 24×0.75                                                                               | 1                               | 17.5                                                     | 459                                    |
| 4×0.75                                                                                | 1                               | 9.9                                                      | 153                                    | 24×1.0                                                                                | 1                               | 18.5                                                     | 537                                    |
| 4×1.0                                                                                 | 1                               | 10.3                                                     | 170                                    | 24×1.5                                                                                | 1                               | 21.6                                                     | 738                                    |
| 4×1.5                                                                                 | 1                               | 11.4                                                     | 211                                    | 24×2.5                                                                                | 1                               | 24.0                                                     | 1020                                   |
| 4×2.5                                                                                 | 1                               | 12.4                                                     | 270                                    | 27×0.5                                                                                | 1                               | 16.6                                                     | 404                                    |
| 4×4                                                                                   | 1                               | 13.5                                                     | 349                                    | 27×0.7                                                                                | 1                               | 17.6                                                     | 491                                    |
| 4×6                                                                                   | 1                               | 14.8                                                     | 453                                    | 27×1.0                                                                                | 1                               | 18.6                                                     | 576                                    |
| 5×0.5                                                                                 | 1                               | 10.1                                                     | 149                                    | 27×1.5                                                                                | 1                               | 21.8                                                     | 796                                    |
| 5×0.75                                                                                | 1                               | 10.5                                                     | 170                                    | 27×2.5                                                                                | 1                               | 24.2                                                     | 1109                                   |
| 5×1.0                                                                                 | 1                               | 11.0                                                     | 189                                    | 30×0.5                                                                                | 1                               | 17.1                                                     | 434                                    |
| 5×1.5                                                                                 | 1                               | 12.2                                                     | 238                                    | 30×0.75                                                                               | 1                               | 18.2                                                     | 529                                    |
| 5×2.5                                                                                 | 1                               | 13.3                                                     | 307                                    | 30×1.0                                                                                | 1                               | 19.6                                                     | 640                                    |
| 5×4                                                                                   | 1                               | 14.5                                                     | 402                                    | 30×1.5                                                                                | 1                               | 22.5                                                     | 863                                    |
| 5×6                                                                                   | 1                               | 15.9                                                     | 523                                    | 30×2.5                                                                                | 1                               | 25.1                                                     | 1207                                   |
| 7×0.5                                                                                 | 1                               | 10.7                                                     | 171                                    | 37×0.5                                                                                | 1                               | 18.3                                                     | 502                                    |
| 7×0.75                                                                                | 1                               | 11.2                                                     | 198                                    | 37×0.75                                                                               | 1                               | 19.5                                                     | 617                                    |
| 7×1.0                                                                                 | 1                               | 11.7                                                     | 223                                    | 37×1.0                                                                                | 1                               | 21.0                                                     | 748                                    |
| 7×1.5                                                                                 | 1                               | 13.0                                                     | 285                                    | 37×1.5                                                                                | 1                               | 24.1                                                     | 1017                                   |
| 7×2.5                                                                                 | 1                               | 14.2                                                     | 374                                    | 37×2.5                                                                                | 1                               | 26.9                                                     | 1436                                   |
| 7×4                                                                                   | 1                               | 15.6                                                     | 499                                    | 44×0.5                                                                                | 1                               | 20.7                                                     | 600                                    |
| 7×6                                                                                   | 1                               | 17.6                                                     | 675                                    | 44×0.75                                                                               | 1                               | 22.0                                                     | 737                                    |
| 8×0.5                                                                                 | 1                               | 11.3                                                     | 188                                    | 44×1.0                                                                                | 1                               | 23.3                                                     | 872                                    |
| 8×0.75                                                                                | 1                               | 11.8                                                     | 217                                    | 44×1.5                                                                                | 1                               | 26.9                                                     | 1189                                   |
| 8×1.0                                                                                 | 1                               | 12.4                                                     | 246                                    | 44×2.5                                                                                | 1                               | 30.7                                                     | 1725                                   |
| 8×1.5                                                                                 | 1                               | 13.9                                                     | 316                                    | 48×0.5                                                                                | 1                               | 21.0                                                     | 633                                    |
| 8×2.5                                                                                 | 1                               | 15.2                                                     | 417                                    | 48×0.75                                                                               | 1                               | 22.4                                                     | 781                                    |
| 8×4                                                                                   | 1                               | 16.7                                                     | 559                                    | 48×1.0                                                                                | 1                               | 23.7                                                     | 927                                    |
| 8×6                                                                                   | 1                               | 18.8                                                     | 758                                    | 48×1.5                                                                                | 1                               | 27.3                                                     | 1269                                   |
| 10×0.5                                                                                | 1                               | 12.7                                                     | 227                                    | 48×2.5                                                                                | 1                               | 31.2                                                     | 1847                                   |
| 10×0.75                                                                               | 1                               | 13.4                                                     | 265                                    | 52×0.5                                                                                | 1                               | 21.5                                                     | 671                                    |
| 10×1.0                                                                                | 1                               | 14.0                                                     | 301                                    | 52×0.75                                                                               | 1                               | 23.0                                                     | 830                                    |
| 10×1.5                                                                                | 1                               | 15.8                                                     | 389                                    | 52×1.0                                                                                | 1                               | 24.3                                                     | 987                                    |
| 10×2.5                                                                                | 1                               | 17.8                                                     | 534                                    | 52×1.5                                                                                | 1                               | 28.1                                                     | 1354                                   |
| 12×0.5                                                                                | 1                               | 13.0                                                     | 242                                    | 52×2.5                                                                                | 1                               | 32.1                                                     | 1975                                   |
| 12×0.75                                                                               | 1                               | 13.7                                                     | 285                                    | 61×0.5                                                                                | 1                               | 22.7                                                     | 754                                    |
| 12×1.0                                                                                | 1                               | 14.4                                                     | 326                                    | 61×0.75                                                                               | 1                               | 24.2                                                     | 938                                    |
| 12×1.5                                                                                | 1                               | 16.2                                                     | 425                                    | 61×1.0                                                                                | 1                               | 25.7                                                     | 1120                                   |
| 12×2.5                                                                                | 1                               | 18.3                                                     | 587                                    | 61×1.5                                                                                | 1                               | 30.3                                                     | 1583                                   |
| 14×0.5                                                                                | 1                               | 13.5                                                     | 264                                    | 61×2.5                                                                                | 1                               | 34.3                                                     | 2292                                   |
| 14×0.75                                                                               | 1                               | 14.3                                                     | 313                                    |                                                                                       |                                 |                                                          |                                        |





# 450/750V及以下 聚氯乙烯绝缘电线电缆

PVC INSULATED WIRE CABLE OF RATED  
VOLTAGES UP TO AND INCLUDING  
450/750V



## 450/750V及以下聚氯乙烯绝缘电线电缆 (含阻燃型、耐火型)

PVC INSULATED WIRE CABLE OF RATED VOLTAGES UP TO AND INCLUDING 450/750V  
(Including flame retardant wire cable and halogen free low smoke wire cable)

产品执行标准  
Product standard

GB/T5023-2008、JB/T8734-1998、GA306-2007、GB/T18380-2008、  
IEC60332、GB/T19666-2005。  
GB/T5023-2008,JB8734-1998,GA306-2007,GB/T18380-2008,IEC60332 and GB/T19666-2005 are applied

### 用途 Application

本产品适用于交流额定电压450/750V及以下电力设备、电器仪表及电信设备的电线电缆。  
This product is mainly designed for power equipment,instrument and telecommunication device of rated voltages up to and including 450/750V.

### 型号及名称 Model number and name

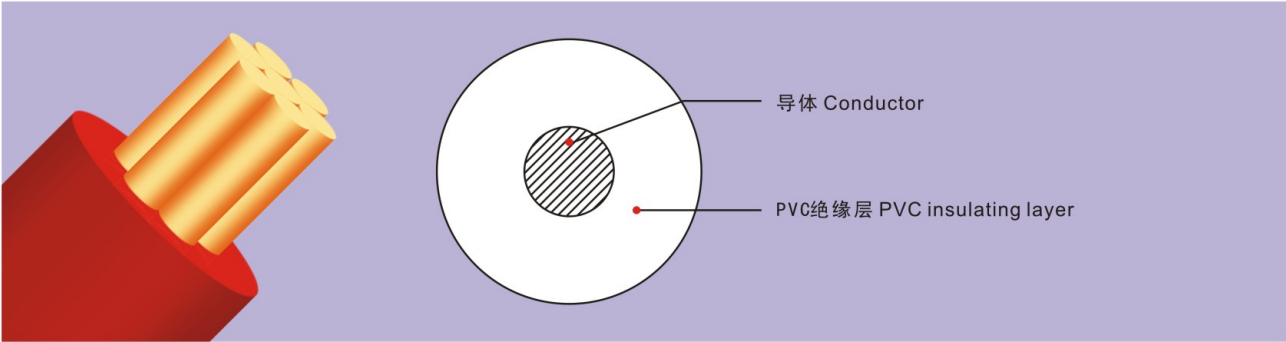
| 型 号<br>Model number         | 名 称 Name                                                                                       |
|-----------------------------|------------------------------------------------------------------------------------------------|
| 60227 IEC 01 (BV) , BV, BLV | 铜 (铝) 芯聚氯乙烯绝缘电缆 (电线)<br>Copper (aluminum) conductor PVC insulated cable (wire)                 |
| BVV, BLVV                   | 铜 (铝) 芯聚氯乙烯绝缘和护套电缆 (电线)<br>Copper (aluminum) conductor PVC insulated and sheathed cable (wire) |
| 60227 IEC 02 (RV) , RV      | 铜芯聚氯乙烯绝缘软电缆<br>Copper core PVC insulated flexible cable                                        |
| 60227 IEC 05 (BV) , BV      | 铜芯聚氯乙烯绝缘电缆<br>Copper core PVC insulated cable                                                  |
| 60227 IEC 06 (RV)           | 铜芯聚氯乙烯绝缘软电缆<br>Copper core PVC insulated flexible cable                                        |
| 60227 IEC10 (BVV) , BVV     | 铜芯聚氯乙烯绝缘和护套电缆<br>Copper core PVC insulated and sheathed cable                                  |
| BVR                         | 铜芯聚氯乙烯绝缘软电缆<br>Copper core PVC insulated flexible cable                                        |
| RVS                         | 铜芯聚氯乙烯绝缘绞型连接用软电缆<br>Copper core PVC insulated and stranded interconnecting flexible cable      |

1. 阻燃型电缆型号在普通型前加“ZA (ZB、ZC)”，并注明阻燃等级：。  
For flame retardant cable,add “ZA” ( “ZB” or “ZC” ) before the model number of common cable,and marks the flameretardant class.
2. 耐火型电缆型号在普通型前加“N-”，并注明耐火等级：  
For fire-resisting cable,add “N-” before the model number of common cable,and marks the fire-resisting class.

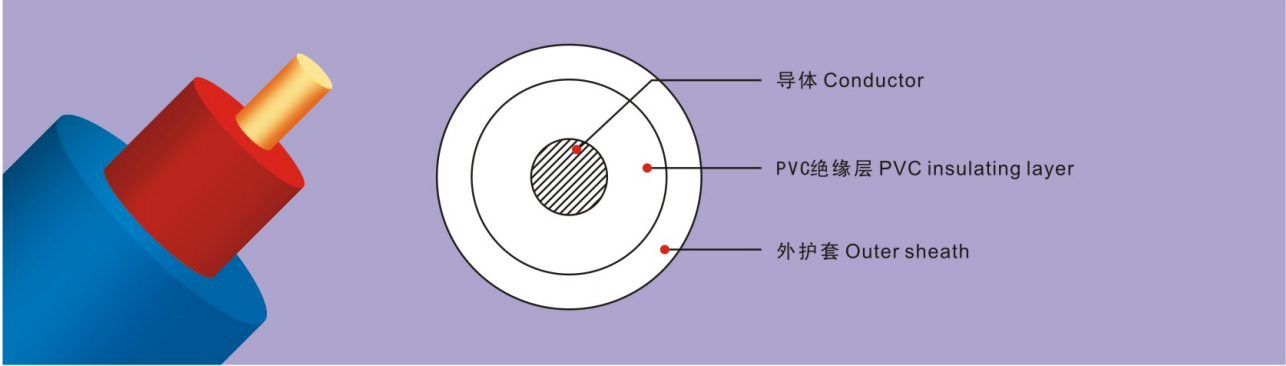


结构示意图 Structural schematic diagramh

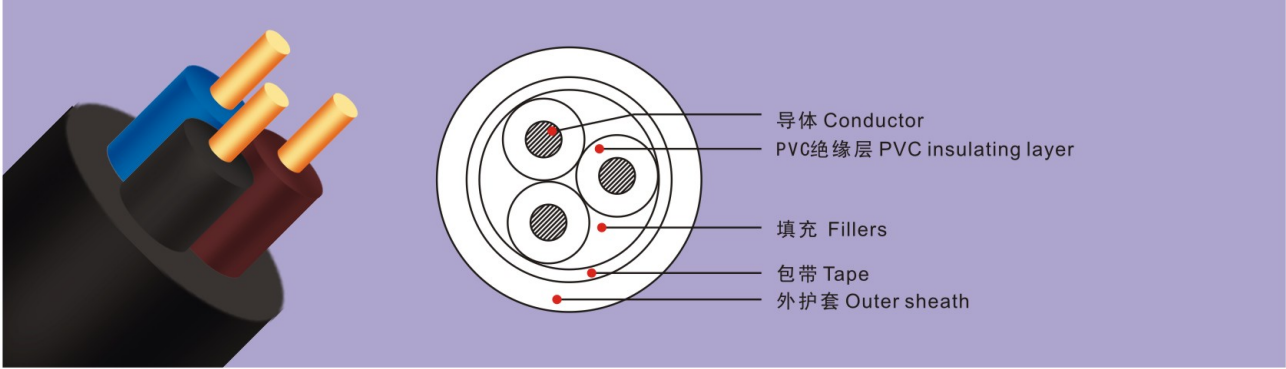
60227 IEC 01 (BV) 、BV、BLV型及其阻燃型电缆结构示意图  
Structural schematic diagram of 60227 IEC 01 (BV) ,BV,BLV and their corresponding flame retardant cable(wire)



BVV、BLVV型及其阻燃型电缆结构示意图  
Structural schematic diagram of BVV,BLVV and their corresponding flame retardant cable(wire)



60227 IEC 10 (BVV) 、BVV 型及其阻燃型号三芯电缆结构示意图  
Structural schematic diagram of 60227 IEC 10 (BVV) , BVV and their corresponding flame retardant three-core cable(wire)



产品参数 Parameter of products

| 型号<br>Model                | 导电线芯<br>Core of Conductor                                                                |                                                                                           | 电压等级<br>Voltage Class<br>(v)    | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) |                                                                                | 环境温度<br>25℃时允许载流量<br>Rated Ampacity<br>at Ambient<br>Temperature of<br>25℃ (A) |     |
|----------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------|----------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-----|
|                            | 截面<br>Cross-sectional<br>Area<br>(mm²)                                                   | 参考结构<br>Reference<br>Structure<br>(No.of Cores/Diameter)                                  |                                 |                                                  | 铜Cu                                    | 铝Al                                                                            | 铜Cu                                                                            | 铝Al |
|                            |                                                                                          |                                                                                           |                                 |                                                  |                                        |                                                                                |                                                                                |     |
| 60227IEC 01 (BV)<br>BV、BLV | 1.5                                                                                      | 1/1.38                                                                                    | 450/750                         | 3.3                                              | 21                                     | —                                                                              | 25                                                                             | 20  |
|                            | 1.5                                                                                      | 7/0.52                                                                                    |                                 | 3.4                                              | 22                                     | —                                                                              | 25                                                                             | 20  |
|                            | 2.5                                                                                      | 1/1.78                                                                                    |                                 | 3.9                                              | 32                                     | 17                                                                             | 34                                                                             | 27  |
|                            | 2.5                                                                                      | 7/0.68                                                                                    |                                 | 4.2                                              | 35                                     | —                                                                              | 34                                                                             | 27  |
|                            | 4                                                                                        | 1/2.25                                                                                    |                                 | 4.4                                              | 47                                     | 23                                                                             | 45                                                                             | 35  |
|                            | 4                                                                                        | 7/0.85                                                                                    |                                 | 4.8                                              | 50                                     | —                                                                              | 45                                                                             | 35  |
|                            | 6                                                                                        | 1/2.76                                                                                    |                                 | 4.9                                              | 67                                     | 30                                                                             | 57                                                                             | 45  |
|                            | 6                                                                                        | 7/1.04                                                                                    |                                 | 5.4                                              | 71                                     | —                                                                              | 57                                                                             | 45  |
|                            | 10                                                                                       | 1/3.56                                                                                    |                                 | 6.4                                              | 110                                    | 47                                                                             | 85                                                                             | 67  |
|                            | 10                                                                                       | 7/1.35                                                                                    |                                 | 6.8                                              | 118                                    | 55                                                                             | 85                                                                             | 67  |
|                            | 16                                                                                       | 7/1.70                                                                                    |                                 | 8.0                                              | 177                                    | 78                                                                             | 110                                                                            | 87  |
|                            | 25                                                                                       | 7/2.14                                                                                    |                                 | 8.8                                              | 278                                    | 121                                                                            | 150                                                                            | 118 |
|                            | 35                                                                                       | 7/2.52                                                                                    |                                 | 11.0                                             | 375                                    | 157                                                                            | 180                                                                            | 142 |
|                            | 50                                                                                       | 19/1.78                                                                                   |                                 | 13.0                                             | 503                                    | 208                                                                            | 230                                                                            | 181 |
|                            | 70                                                                                       | 19/2.14                                                                                   |                                 | 15.0                                             | 710                                    | 281                                                                            | 290                                                                            | 228 |
|                            | 95                                                                                       | 19/2.52                                                                                   |                                 | 17.0                                             | 980                                    | 385                                                                            | 350                                                                            | 276 |
|                            | 120                                                                                      | 37/2.03                                                                                   |                                 | 19.0                                             | 1213                                   | 463                                                                            | 430                                                                            | 339 |
|                            | 150                                                                                      | 37/2.25                                                                                   |                                 | 21.0                                             | 1493                                   | 573                                                                            | 500                                                                            | 393 |
|                            | 185                                                                                      | 37/2.52                                                                                   |                                 | 23.5                                             | 1870                                   | 715                                                                            | 580                                                                            | 457 |
|                            | 240                                                                                      | 61/2.25                                                                                   |                                 | 26.5                                             | 2440                                   | 924                                                                            | 710                                                                            | 559 |
| 300                        | 61/2.52                                                                                  | 29.5                                                                                      | 3055                            | 1146                                             | 820                                    | 646                                                                            |                                                                                |     |
| 400                        | 61/2.85                                                                                  | 33.5                                                                                      | 3890                            | 1450                                             | 1000                                   | 788                                                                            |                                                                                |     |
| BVV BLVV                   | 1.5                                                                                      | 1/1.38                                                                                    | 300/500                         | 5.0                                              | 32                                     | —                                                                              | 19                                                                             | 15  |
|                            | 2.5                                                                                      | 1/1.78                                                                                    |                                 | 5.7                                              | 46                                     | 31                                                                             | 26                                                                             | 20  |
|                            | 4                                                                                        | 1/2.25                                                                                    |                                 | 6.5                                              | 65                                     | 40                                                                             | 34                                                                             | 27  |
|                            | 6                                                                                        | 1/2.76                                                                                    |                                 | 7.1                                              | 86                                     | 50                                                                             | 44                                                                             | 35  |
|                            | 10                                                                                       | 7/1.35                                                                                    |                                 | 8.8                                              | 136                                    | 75                                                                             | 62                                                                             | 49  |
|                            | 16                                                                                       | 7/1.7                                                                                     |                                 | 9.6                                              | 198                                    | 100                                                                            | 85                                                                             | 67  |
|                            | 25                                                                                       | 7/2.14                                                                                    |                                 | 11.5                                             | 310                                    | 150                                                                            | 110                                                                            | 87  |
|                            | 35                                                                                       | 7/2.52                                                                                    |                                 | 13.0                                             | 410                                    | 200                                                                            | 135                                                                            | 106 |
|                            | 50                                                                                       | 19/1.78                                                                                   |                                 | 15.0                                             | 496                                    | 205                                                                            | 170                                                                            | 134 |
|                            | 70                                                                                       | 19/2.14                                                                                   |                                 | 17.0                                             | 760                                    | 336                                                                            | 220                                                                            | 173 |
|                            | 95                                                                                       | 19/2.52                                                                                   |                                 | 19.6                                             | 1050                                   | 465                                                                            | 270                                                                            | 213 |
|                            | 120                                                                                      | 37/2.03                                                                                   |                                 | 21.0                                             | 1295                                   | 550                                                                            | 320                                                                            | 252 |
|                            | 150                                                                                      | 37/2.25                                                                                   |                                 | 23.0                                             | 1580                                   | 665                                                                            | 360                                                                            | 283 |
|                            | 185                                                                                      | 37/2.52                                                                                   |                                 | 26.2                                             | 2000                                   | 860                                                                            | 425                                                                            | 335 |
|                            | 240                                                                                      | 61/2.25                                                                                   |                                 | 30.0                                             | 2640                                   | 1120                                                                           | 510                                                                            | 402 |
| 300                        | 61/2.52                                                                                  | 32.6                                                                                      | 3260                            | 1360                                             | 570                                    | 449                                                                            |                                                                                |     |
| 型号<br>Model                | 芯数×导体<br>标称截面<br>No.of Cores<br>×Nominal<br>Cross-sectional<br>Area<br>(No.of Cores×mm²) | 导电线芯参考结构<br>根/直径<br>Reference Structure of<br>Core of Conductor<br>(No.of Cores/Diameter) | 电压等级<br>Voltage<br>Class<br>(v) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) | 环境温度<br>25℃时允许载流量<br>Rated Ampacity<br>at Ambient<br>Temperature of<br>25℃ (A) |                                                                                |     |
|                            |                                                                                          |                                                                                           |                                 |                                                  |                                        |                                                                                |                                                                                |     |
| 60227 IEC 02 (RV)          | 1.5                                                                                      | 30/0.25                                                                                   | 450/750                         | 3.5                                              | 22                                     | 25                                                                             |                                                                                |     |
|                            | 2.5                                                                                      | 49/0.25                                                                                   |                                 | 4.2                                              | 34                                     | 34                                                                             |                                                                                |     |
|                            | 4                                                                                        | 56/0.30                                                                                   |                                 | 4.8                                              | 49                                     | 45                                                                             |                                                                                |     |
|                            | 6                                                                                        | 84/0.30                                                                                   |                                 | 6.3                                              | 70                                     | 57                                                                             |                                                                                |     |
|                            | 10                                                                                       | 77/0.40                                                                                   |                                 | 7.6                                              | 117                                    | 85                                                                             |                                                                                |     |
|                            | 16                                                                                       | 119/0.40                                                                                  |                                 | 8.8                                              | 168                                    | 110                                                                            |                                                                                |     |
|                            | 25                                                                                       | 189/0.40                                                                                  |                                 | 11.0                                             | 265                                    | 150                                                                            |                                                                                |     |
|                            | 35                                                                                       | 266/0.40                                                                                  |                                 | 12.5                                             | 363                                    | 180                                                                            |                                                                                |     |
|                            | 50                                                                                       | 378/0.40                                                                                  |                                 | 14.5                                             | 516                                    | 230                                                                            |                                                                                |     |
|                            | 70                                                                                       | 360/0.50                                                                                  |                                 | 17.0                                             | 719                                    | 290                                                                            |                                                                                |     |
|                            | 95                                                                                       | 480/0.50                                                                                  |                                 | 19.0                                             | 957                                    | 350                                                                            |                                                                                |     |
|                            | 120                                                                                      | 600/0.50                                                                                  |                                 | 21.0                                             | 1194                                   | 430                                                                            |                                                                                |     |
| 150                        | 740/0.50                                                                                 | 23.5                                                                                      | 1491                            | 500                                              |                                        |                                                                                |                                                                                |     |



| 型号<br>Model             | 芯数×导体<br>标称截面<br>No. of Cores<br>×Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 导电线芯参考结构<br>根/直径<br>Reference Structure of<br>Core of Conductor<br>(No. of Cores/Diameter) | 电压等级<br>Voltage<br>Class<br>(v) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) | 环境温度<br>25℃时允许载流量<br>Rated Ampacity<br>at Ambient<br>Temperature of<br>25℃ (A) |
|-------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------|----------------------------------------|--------------------------------------------------------------------------------|
| 60227 IEC 02 (RV)       | 185                                                                                        | 940/0.50                                                                                   | 450/750                         | 26.0                                             | 1837                                   | 580                                                                            |
|                         | 240                                                                                        | 1220/0.50                                                                                  |                                 | 29.5                                             | 2375                                   | 710                                                                            |
| 60227 IEC 05<br>(BV),BV | 0.5                                                                                        | 1/0.8                                                                                      | 300/500                         | 2.4                                              | 8.0                                    | 9                                                                              |
|                         | 0.75                                                                                       | 1/0.97                                                                                     |                                 | 2.6                                              | 11.4                                   | 14                                                                             |
|                         | 0.75                                                                                       | 7/0.37                                                                                     |                                 | 2.8                                              | 12.1                                   | 14                                                                             |
|                         | 1                                                                                          | 7/1.13                                                                                     |                                 | 2.8                                              | 15.2                                   | 20                                                                             |
|                         | 1                                                                                          | 7/0.43                                                                                     |                                 | 3.0                                              | 15.3                                   | 20                                                                             |
| 60227 IEC 06<br>(RV)    | 0.5                                                                                        | 16/0.2                                                                                     | 300/500                         | 2.6                                              | 9                                      | 10                                                                             |
|                         | 0.75                                                                                       | 24/0.2                                                                                     |                                 | 2.8                                              | 12                                     | 16                                                                             |
|                         | 1                                                                                          | 32/0.2                                                                                     |                                 | 3.0                                              | 14                                     | 24                                                                             |
|                         | 1.5                                                                                        | 30/0.25                                                                                    |                                 | 3.5                                              | 21                                     | 30                                                                             |
| 60227 IEC 10<br>(BVV)   | 2.5                                                                                        | 49/0.25                                                                                    | 300/500                         | 4.2                                              | 32                                     | 40                                                                             |
|                         | 2×1.5                                                                                      | 1/1.38                                                                                     |                                 | 10.0                                             | 117                                    | 20                                                                             |
|                         | 2×1.5                                                                                      | 7/0.52                                                                                     |                                 | 10.5                                             | 124                                    | 20                                                                             |
|                         | 2×2.5                                                                                      | 1/1.78                                                                                     |                                 | 11.5                                             | 158                                    | 25                                                                             |
|                         | 2×2.5                                                                                      | 7/0.68                                                                                     |                                 | 12.0                                             | 171                                    | 25                                                                             |
|                         | 2×4                                                                                        | 1/2.25                                                                                     |                                 | 12.5                                             | 205                                    | 37                                                                             |
|                         | 2×4                                                                                        | 7/0.85                                                                                     |                                 | 13.0                                             | 220                                    | 37                                                                             |
|                         | 2×6                                                                                        | 1/2.76                                                                                     |                                 | 13.5                                             | 260                                    | 46                                                                             |
|                         | 2×6                                                                                        | 7/1.04                                                                                     |                                 | 14.0                                             | 280                                    | 46                                                                             |
|                         | 2×10                                                                                       | 1/3.56                                                                                     |                                 | 16.5                                             | 435                                    | 70                                                                             |
|                         | 2×10                                                                                       | 7/1.35                                                                                     |                                 | 17.5                                             | 458                                    | 70                                                                             |
|                         | 2×16                                                                                       | 7/1.7                                                                                      |                                 | 20.0                                             | 629                                    | 105                                                                            |
|                         | 2×25                                                                                       | 7/2.14                                                                                     |                                 | 24.0                                             | 946                                    | 125                                                                            |
|                         | 2×35                                                                                       | 7/2.52                                                                                     |                                 | 27.5                                             | 1259                                   | 147                                                                            |
|                         | 3×1.5                                                                                      | 1/1.38                                                                                     |                                 | 10.5                                             | 137                                    | 13                                                                             |
|                         | 3×1.5                                                                                      | 7/0.52                                                                                     |                                 | 11.0                                             | 146                                    | 13                                                                             |
|                         | 3×2.5                                                                                      | 1/1.78                                                                                     |                                 | 12.0                                             | 190                                    | 21                                                                             |
|                         | 3×2.5                                                                                      | 7/0.68                                                                                     |                                 | 12.5                                             | 204                                    | 21                                                                             |
|                         | 3×4                                                                                        | 1/2.25                                                                                     |                                 | 13.0                                             | 250                                    | 28                                                                             |
|                         | 3×4                                                                                        | 7/0.85                                                                                     |                                 | 13.5                                             | 267                                    | 28                                                                             |
|                         | 3×6                                                                                        | 1/2.76                                                                                     |                                 | 14.5                                             | 338                                    | 35                                                                             |
|                         | 3×6                                                                                        | 7/1.04                                                                                     |                                 | 15.5                                             | 361                                    | 35                                                                             |
|                         | 3×10                                                                                       | 1/3.56                                                                                     |                                 | 17.5                                             | 530                                    | 54                                                                             |
|                         | 3×10                                                                                       | 7/1.35                                                                                     |                                 | 19.0                                             | 570                                    | 54                                                                             |
|                         | 3×16                                                                                       | 7/1.70                                                                                     |                                 | 21.5                                             | 813                                    | 73                                                                             |
|                         | 3×25                                                                                       | 7/2.14                                                                                     |                                 | 26.0                                             | 1230                                   | 98                                                                             |
|                         | 3×35                                                                                       | 7/2.52                                                                                     |                                 | 29.0                                             | 1609                                   | 120                                                                            |
|                         | 4×1.5                                                                                      | 1/1.38                                                                                     |                                 | 11.5                                             | 164                                    | 13                                                                             |
|                         | 4×1.5                                                                                      | 7/0.52                                                                                     |                                 | 12.0                                             | 173                                    | 13                                                                             |
|                         | 4×2.5                                                                                      | 1/1.78                                                                                     |                                 | 13.0                                             | 229                                    | 21                                                                             |
|                         | 4×2.5                                                                                      | 7/0.68                                                                                     |                                 | 13.5                                             | 246                                    | 21                                                                             |
|                         | 4×4                                                                                        | 1/2.25                                                                                     |                                 | 14.5                                             | 318                                    | 28                                                                             |
|                         | 4×4                                                                                        | 7/0.85                                                                                     |                                 | 15.0                                             | 339                                    | 28                                                                             |
|                         | 4×6                                                                                        | 1/2.76                                                                                     |                                 | 16.0                                             | 428                                    | 35                                                                             |
|                         | 4×6                                                                                        | 7/1.04                                                                                     |                                 | 17.0                                             | 456                                    | 35                                                                             |
|                         | 4×10                                                                                       | 1/3.56                                                                                     |                                 | 19.0                                             | 657                                    | 54                                                                             |
|                         | 4×10                                                                                       | 7/1.35                                                                                     |                                 | 20.5                                             | 703                                    | 54                                                                             |
|                         | 4×16                                                                                       | 7/1.70                                                                                     |                                 | 23.5                                             | 996                                    | 73                                                                             |
|                         | 4×25                                                                                       | 7/2.14                                                                                     |                                 | 28.5                                             | 1558                                   | 98                                                                             |
|                         | 4×35                                                                                       | 7/2.52                                                                                     |                                 | 32.0                                             | 2099                                   | 120                                                                            |
|                         | 5×1.5                                                                                      | 1/1.38                                                                                     |                                 | 12.0                                             | 190                                    | 13                                                                             |
|                         | 5×1.5                                                                                      | 7/0.52                                                                                     |                                 | 12.5                                             | 201                                    | 13                                                                             |
|                         | 5×2.5                                                                                      | 1/1.78                                                                                     |                                 | 14.0                                             | 268                                    | 18                                                                             |
|                         | 5×2.5                                                                                      | 7/0.68                                                                                     |                                 | 14.5                                             | 298                                    | 18                                                                             |
|                         | 5×4                                                                                        | 1/2.25                                                                                     |                                 | 16.0                                             | 391                                    | 24                                                                             |
|                         | 5×4                                                                                        | 7/0.85                                                                                     |                                 | 17.0                                             | 421                                    | 24                                                                             |
|                         | 5×6                                                                                        | 1/2.76                                                                                     |                                 | 17.5                                             | 513                                    | 31                                                                             |
|                         | 5×6                                                                                        | 7/1.04                                                                                     |                                 | 18.5                                             | 554                                    | 31                                                                             |
|                         | 5×10                                                                                       | 1/3.56                                                                                     |                                 | 21.0                                             | 798                                    | 43                                                                             |
|                         | 5×10                                                                                       | 7/1.35                                                                                     |                                 | 22.0                                             | 844                                    | 43                                                                             |
|                         | 5×16                                                                                       | 7/1.7                                                                                      |                                 | 26.0                                             | 1275                                   | 68                                                                             |

| 型号<br>Model           | 芯数×导体<br>标称截面<br>No. of Cores<br>×Nominal<br>Cross-sectional<br>Area<br>(No. of Cores×mm²) | 导电线芯参考结构<br>根/直径<br>Reference Structure of<br>Core of Conductor<br>(No. of Cores/Diameter) | 电压等级<br>Voltage<br>Class<br>(v) | 参考外径<br>Reference<br>Outside<br>Diameter<br>(mm) | 参考重量<br>Reference<br>Weight<br>(kg/km) | 环境温度<br>25℃时允许载流量<br>Rated Ampacity<br>at Ambient<br>Temperature of<br>25℃ (A) |
|-----------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------|----------------------------------------|--------------------------------------------------------------------------------|
| 60227 IEC 10<br>(BVV) | 5×25                                                                                       | 7/2.14                                                                                     | 300/500                         | 31.5                                             | 1907                                   | 92                                                                             |
|                       | 5×35                                                                                       | 7/2.52                                                                                     |                                 | 35.0                                             | 2517                                   | 114                                                                            |
| BVR                   | 2.5                                                                                        | 19/0.40                                                                                    | 450/750                         | 4.1                                              | 34                                     | 34                                                                             |
|                       | 4                                                                                          | 19/0.52                                                                                    |                                 | 4.8                                              | 51                                     | 45                                                                             |
|                       | 6                                                                                          | 19/0.64                                                                                    |                                 | 5.3                                              | 72                                     | 57                                                                             |
|                       | 10                                                                                         | 49/0.52                                                                                    |                                 | 6.8                                              | 127                                    | 85                                                                             |
|                       | 16                                                                                         | 49/0.64                                                                                    |                                 | 8.1                                              | 184                                    | 110                                                                            |
|                       | 25                                                                                         | 98/0.58                                                                                    |                                 | 10.2                                             | 302                                    | 150                                                                            |
|                       | 35                                                                                         | 133/0.58                                                                                   |                                 | 11.7                                             | 387                                    | 180                                                                            |
|                       | 50                                                                                         | 133/0.68                                                                                   |                                 | 13.9                                             | 532                                    | 230                                                                            |
|                       | 70                                                                                         | 189/0.68                                                                                   |                                 | 16.0                                             | 758                                    | 290                                                                            |
| RVS                   | 2×0.3                                                                                      | 16/0.15                                                                                    | 300/300                         | 4.3                                              | 13                                     | 5                                                                              |
|                       | 2×0.4                                                                                      | 23/0.15                                                                                    |                                 | 4.6                                              | 15                                     | 6                                                                              |
|                       | 2×0.5                                                                                      | 28/0.15                                                                                    |                                 | 6.0                                              | 21                                     | 8                                                                              |
|                       | 2×0.75                                                                                     | 42/0.15                                                                                    |                                 | 6.2                                              | 27                                     | 11                                                                             |





## 携手国际级客户，共铸里程碑！

Partnership with International Customers in Building Industrial Milestones!

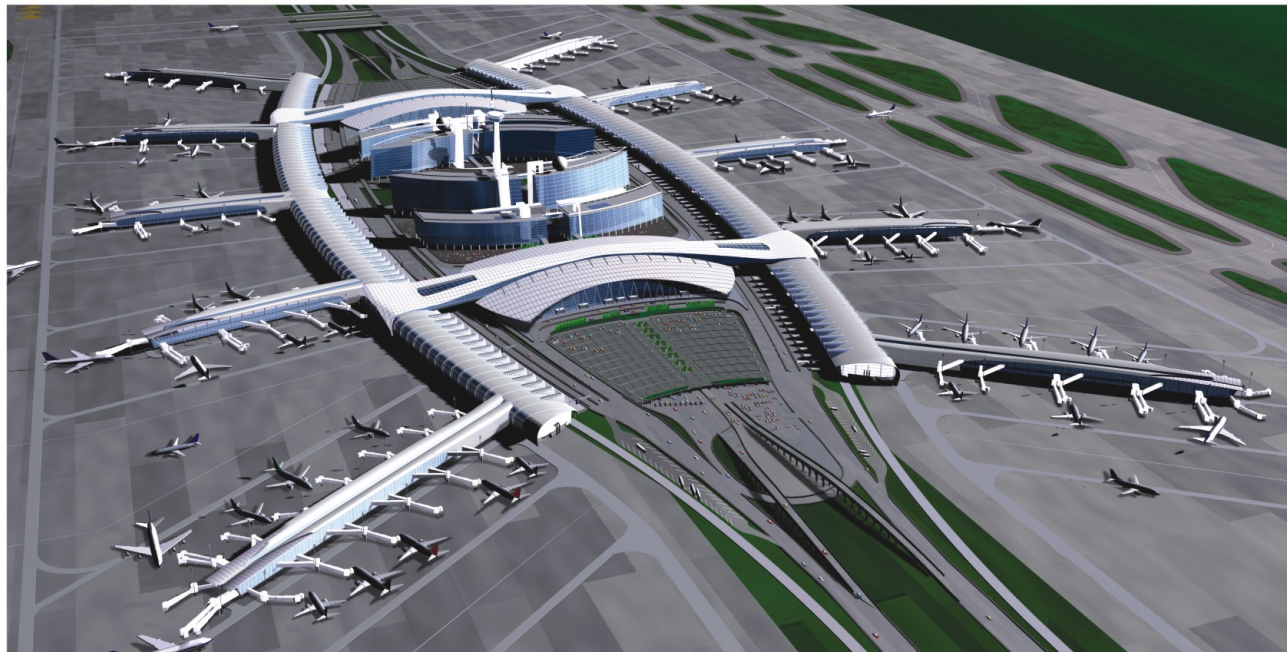
金字塔是古埃及文明的象征，万里长城是古代中国强大版图的见证，人造卫星是人类探索宇宙的载体，互联网成为改变今天人们生活方式的标志……人类的每次飞跃都留下了美好的印记，像一座座里程碑。我们也在创造历史，我们也留下了一座座里程碑！

通过制定客户关怀计划与客户深入沟通，倾听客户的意见，随时关注客户的新需求，解决客户的难题，挖掘客户更多更深层的需求，为客户提供更多更新的应用，保持长久关系，同时，根据客户实际情况和历史服务情况，对不同需求的客户进行差异化服务，通过提升对客户的服务质量来打造岭南电缆品牌影响力，达到共同成长，创造共赢！

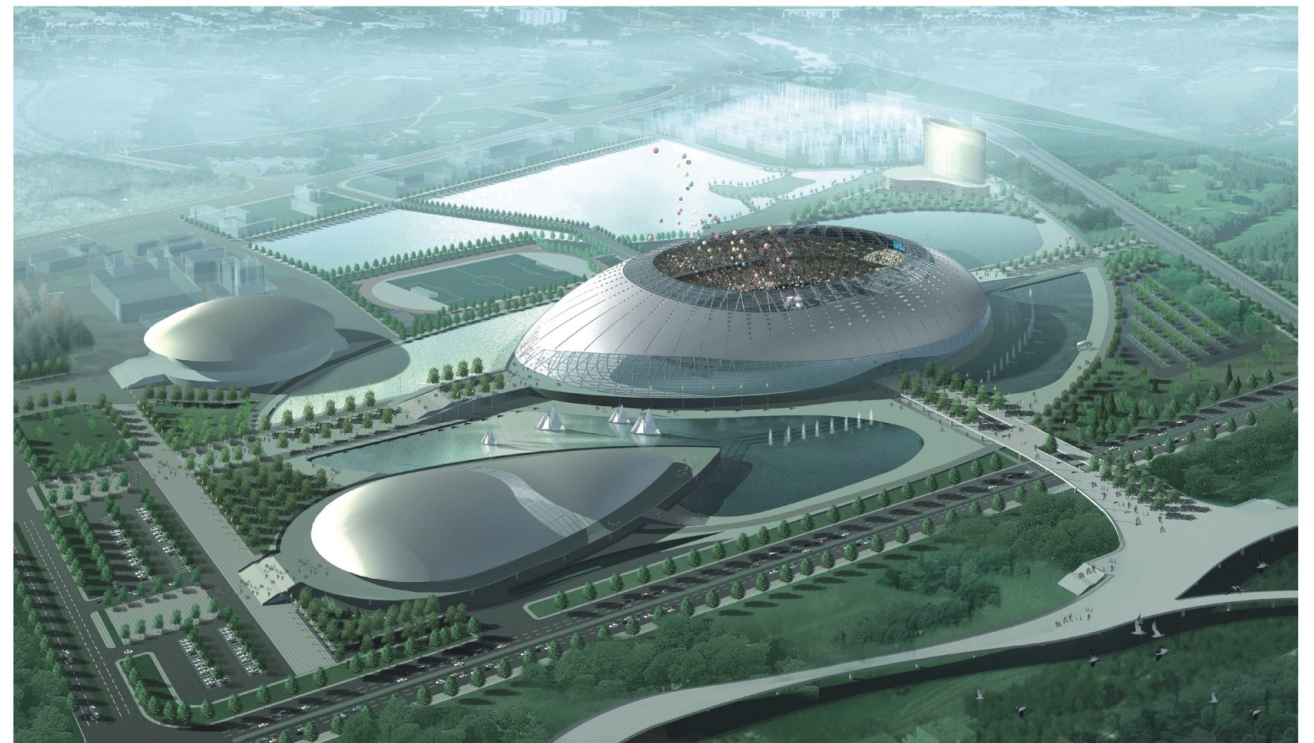
The Pyramid is the symbol of the ancient Egypt civilization. The Great Wall witnessed the prosperity of ancient China. The satellite is the carrier of human being's dream of exploring the universe. The Internet has become the symbol of the great change of people's life style. There're many milestones marking the great leaps of human being. Nowadays we are also creating history, leaving many milestones.

By customer care projects and communications with them, we listen carefully to our customers' opinions, focus on meeting their new needs immediately, offer solutions to their projects, help them to know more and further needs, provide them more and up-to-date applications, and consolidate the partnership with them. Furthermore, we also provide customized services based on the needs of different customers according to their practical conditions and records of our services. And through continuous upgrade of our services, we have not only built the influence of the Lingnan cable brand, but also achieved win-win with our customer partners.

- ① 广州地铁  
Guangzhou Metro
- ② 广州亚运城  
Guangzhou Asian Games Town
- ③ 广州大学城  
Guangzhou Higher Education Mega Center
- ④ 广州新白云国际机场  
Guangzhou New Baiyun International Airport



- ① 万达广场  
Wanda Plaza
- ② 博鳌论坛会议中心  
Boao Forum For Asia International Convention Center
- ③ 琶洲国际会馆中心  
Pazhou International Hall Center
- ④ 天津奥体中心  
Tianjin Olympic Center Stadium







致力于电缆的系统解决方案  
DEDICATED WIRE & CABLE SOLUTIONS



## 拓展目标

公司斥资6亿元人民币，在广州市番禺区的榄核镇建立集中低压电缆、高压、超高压电缆、特种电缆及其附件的生产和研发为一体，占地面积12万多平方米的新基地。2013年已全面建成投产，有望达成66--500kV电缆年产2000公里，年产值25亿的目标。计划于2015年前完成500kV交联电力电缆的开发和鉴定体系。

The company spent 600 million yuan to establish centralized low voltage cables, high voltage, EHV cables, special cables and accessories production and development as one of the nut-Town, Panyu District, Guangzhou City, covers an area of over 120,000 square meters of new base, 2013 has been fully completed and put into production, is expected to reach 66 - 500kV cables annual output of 2,000 kilometers, the annual output value of 2.5 billion target. Planned to be completed by 2015 and identification system developed 500kV XLPE cable.

# MOVING FORWARD

TO THE PEAK OF THE WORLD

## 高起点，大视野，迈向全球峰巅

欲穷千里目，更上一层楼，我们正以全球化视野来审视行业和我们自己，我们正在不断进步，真正的对手是我们自己，远大的目标让我们不会停止发展的步伐，我们正在路上，我们永远都在路上。未来，会更加美好！

- + 未来十年，我们将通过管理变革、流程改进和技术创新，满足客户对线缆专业全结构产品的需求。
- + 未来十年，我们将通过新材料技术、持续创新和管理改进，使客户实现产品和技术解决方案的一站式选择。
- + 未来十年，我们力争成为线缆行业领军企业！

It is said that for a grander sight we should go up to a higher level. Nowadays, we are taking a more international view on the cable industry and ourselves while making progress. We understand that the ultimate rival is ourselves, and a grander goal will keep us moving forward. We're on our way as always for a more splendid future.

- + In the coming 10 years, we will meet our customers' needs of all family products of cables through management re-engineering, process improvements and technical innovations.
- + In the coming 10 years, we will provide our customers one-stop service of products and system solutions through new materials and technologies, continuous innovations and management improvements.
- + In the coming 10 years, we will do our best to be the leading enterprise in the cable industry.

