# 35kV及以下交联聚乙烯绝缘电力电缆

## Power Cable with XLPE Insulation for rated voltages from 1kV up to 35kV

本产品适用于固定敷设在交流50Hz，额定电压35kV及以下的电力输配电线路上作输送电能用。与聚氯乙烯绝缘电力电缆相比，交联电力电缆产品不仅具有优异的电气性能、机械性能、耐热老化性能、耐环境应力和耐化学腐蚀性能的能力，而且结构简单，重量轻，不受敷设落差限制，长期工作温度90℃等特点。

The cable is used to transmit power on the power transmission and distribution line of A.C. 50Hz, rated voltage 35 KV or lower. By comparison with power cable with PVC insulation, it has not only excellent electric performance, mechanical performance, heat & aging resistant performance, weather resistant performance, chemical corrosion resistant performance, but also simple structure, light weight, no restriction by laying drop, and high temperature allowance for long term working(90℃) as well.

## 一、生产执行标准

GB/T12706.1-2020~GB/T12706.3-2020《额定电压1kV（Um=1.2kV）到35kV（Um=40.5kV）挤包绝缘电力电缆》，也可按用户需要，采用国际电工委员会IEC60502标准生产。

## Executive standard

GB/T12706.1-2020~GB/T12706.3-2020《Power cables with extruded insulation and their accessories for rated voltages from 1kV（Um=1.2 kV）to 35kV（Um=40.5 kV）》.We also can use the IEC60502 standard for production according to the requirement of the customer.

## 二、使用特点

1、电缆导体的允许长期最高工作温度为90℃；

2、短路时（最长持续时间不超过5秒）电缆导体的最高温度不超过250℃；

3、电缆敷设时的环境温度不得低于0℃；

4、电缆的最小弯曲半径：

多芯电缆无铠装不小于电缆外径的15倍，有铠装不小于电缆外径的12倍；

单芯电缆无铠装不小于电缆外径的20倍，有铠装不小于电缆外径的15倍；

5、电缆的工频额定电压$U_0$/U为0.6/1kV~26/35kV。

$U_0$：电缆设计用的导体对地或金属屏蔽之间的额定工频电压，称相电压；

U：电缆设计用的导体间的额定工频电压，称线电压；

$U_m$：设备可承受的“最高系统电压”的最大值。

## Working Condition

1、Long-term allowable working temperature by cable conductor is no more than 90℃.
2、Max. temperature of cable conductor shall be no more than 250℃ during short circuit (the longest lasting time shall be no more than 5 seconds).
3、Environment temperature for installation is no less than 0℃.
4、Min.bending radium of cable:
The multicore cable without armored is not less than 15 times of the outer diameter of the cable,the multicore with armored is not less than 12 times of the outer diameter of the cable.
The single core cable without armored is not less than 20 times of outer diameter of the cable,the single core cable with armored is not less than 15 times of the outer diameter of the cable.
5、Power frequency rated voltage $U_0$/U of cable is 0.6/1kV~26/35kV.
$U_0$: Power frequency rated voltage of the conductor for cable designing to earth or between metallic, which is called phase voltage.
U: Power frequency rated voltage between conductor for cable designing, which is called wire voltage.
Um: The max.value of the “Maximum system voltage” which the equipment can bear.

## 三、产品型号中各字母代表意义

1、材料代号

第1种和第2种铜导体……省略
第5种铜导体……R
铝导体……L
交联聚乙烯或交联聚烯烃……YJ
聚氯乙烯……V
聚乙烯或聚烯烃……Y

2、结构特征代号

双钢带铠装……2
细圆钢丝铠装……3
粗圆钢丝铠装……4

## The meaning of each letter in the product model

1.Material Code

Class 1 and Class 2 conductor……Omitted
Class 5 conductor……R
Aluminium……L
XLPE or polyolefin……YJ
PVC……V
PE or polyolefin……Y

2.Structure Code

Double steel tape armor……2
Round steel wire armor……3
Thick round steel wire armor……4

（双）非磁性金属带铠装 ····· 6
非磁性金属丝铠装 ····· 7
聚氯乙烯外护套 ····· 2
聚乙烯或聚烯烃外护套 ····· 3

(Double) non-magnetic metallic tape armor ····· 6
Non-magnetic metallic wire armor ····· 7
PVC Outer sheath ····· 2
PE or polyolefin Outer sheath ····· 3

## 四、电缆型号名称及适用场合

## Type, Description and Application Occasion

| 型号 Type | | 名称 Description | 适用场合 Application occasion |
|---|---|---|---|
| 铜 Cu | 铝 Al | | |
| YJV | YJLV | 交联聚乙烯绝缘聚氯乙烯护套电力电缆<br>Power cable with XLPE insulation, PVC sheath | 敷设在室内、隧道、电缆沟及管道中，也可埋在松散的土壤中，电缆不能承受机械外力作用。单芯电缆不允许敷设在磁性管道中。<br>To be laid indoors, in the tunnel, cable furrow, pipe or under soft soil. The cable can not bear mechanical force from outside. Single core cable isn’t permitted to be laid in the magnetic pipe. |
| YJY | YJLY | 交联聚乙烯绝缘聚乙烯或聚烯烃护套电力电缆<br>Power cable with XLPE insulation, PE or Polyolefin sheath | |
| YJV22 | YJLV22 | 交联聚乙烯绝缘钢带铠装聚氯乙烯护套电力电缆<br>Power cable with XLPE insulation,steel tape armored, PVC sheath | 直埋敷设在地下（埋设深度：距地面≥0.7m），电缆能承受一定机械外力作用，但不能承受大的拉力。<br>To be laid underground(depth of burying: at least 0.7m above earth), the cable can bear certain mechanical force, but it can not bear great pulling force. |
| YJY23 | YJLY23 | 交联聚乙烯绝缘钢带铠装聚乙烯或聚烯烃护套电力电缆<br>Power cable with XLPE insulatio,steel tape armored, Polyethylene or Polyolefin sheath | |
| YJV32 | YJLV32 | 交联聚乙烯绝缘细钢丝铠装聚氯乙烯护套电力电缆<br>Power cable with XLPE insulation，steel wire armored，PVC sheath. | 敷设在水中或具有落差较大的土壤中，电缆能承受相当的拉力。<br>To be laid in the water or in the soil with a large drop,cable can bear considerable pulling force. |
| YJY33 | YJLY33 | 交联聚乙烯绝缘细钢丝铠装聚乙烯或聚烯烃护套电力电缆<br>Power cable with XLPE insulation，steel wire armored，PE sheath or polyolefin sheath. | |
| YJV42 | YJLV42 | 交联聚乙烯绝缘粗钢丝铠装聚氯乙烯护套电力电缆<br>Power cable with XLPE insulation，thick steel wire armored，PVC sheath. | 敷设在水中及落差较大的隧道或竖井中，电缆能承受较大的拉力。<br>To be laid in the water and in the tunnel or shaft with a large drop,cable can bear large pulling force. |
| YJY43 | YJLY43 | 交联聚乙烯绝缘粗钢丝铠装聚乙烯或聚烯烃护套电力电缆<br>Power cable with XLPE insulation，thick steel wire armored，PE sheath or polyolefin sheath. | |

备注：
①阻燃电缆、无卤低烟阻燃电缆、耐火电缆及其组合型电缆的名称和型号应按GB/T 19666的规定在上述型号的基础上编制。
②比如阻燃型电缆，在原型号前加“Z-” “ZA-” “ZB-” “ZC” “ZD-”，
无卤低烟阻燃型的，在原型号前加“WDZ-” “WDZA-” “WDZB-” “WDZC” “WDZD-”，
无卤低烟低毒阻燃型的，在原型号前加“WDUZ-” “WDUZA-” “WDUZB-” “WDUZC” “WDUZD-”。
③耐火型电缆，在原型号前加“N-” “ZAN-” “ZBN-” “ZCN” “ZDN-”，
无卤低烟阻燃耐火电缆，在原型号前加“WDZN-” “WDZAN-” “WDZBN-” “WDZCN” “WDZDN-”，
无卤低烟低毒阻燃型耐火电缆，在原型号前加“WDUZN-” “WDUZAN-” “WDUZBN-” “WDUZCN” “WDUZDN-”。
④低烟低卤阻燃电缆，在原型号前加“DDZ-” “DDZA-” “DDZB-” “DDZC” “DDZD-”。
⑤低烟无卤阻燃B1级电缆，在原型号前加“WDZB1”或“WDZB1N”。

Note:
①The names and models of flame retardant cables, halogen-free low smoke flame retardant cables, fire resistant cables and their combined type cables shall be compiled on the basis of the above models according to the provisions of GB/T 19666
②For flame-retardant cable type, add "Z-", "ZA-", "ZB-", "ZC" and "ZD-" before the original model;For halogen-free low-smoke flame retardant type, add "WDZ-", "WDZA-", "WDZB-", "WDZC" and "WDZD-" before the original model;For halogen-free, low smoke, low toxicity and flame retardant type, add "WDUZ-", "WDUZA-", "WDUZB-", "WDUZC" and "WDUZD-" before the original model.
③For fire-resistant cable type , add "–", "ZAN-", "ZBN-", "ZCN", "ZDN-" before the original model;
Halogen-free low smoke flame retardant fire-resistant cable, add "WDZN-", "WDZAN-", "WDZBN-", "WDZCN" and "WDZDN-" before the original model;
Halogen-free low-smoke low-toxicity flame-retardant fire-resistant cable, "WDUZN-", "WDUZAN-", "WDUZBN-", "WDUZCN" and "WDUZDN-" are added before the original model。
④For Low smoke and low halogen flame retardant cable type, add "DDZ-", "DDZA-", "DDZB-", "DDZC" and "DDZD-" before the original model.
⑤For Halogen-free low smoke class B1 flame retardant cable type, add "WDZB1"or"WDZB1N"before the original model.

## 五、生产范围 Production Scope

| 型号 Type | | 芯数 Core No. | 额定电压（kV） Rated voltage | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 铜 Cu | 铝 Al | | 0.6/1 | 1.8/3 | 3.6/6 | 6/6<br>6/10 | 8.7/10<br>8.7/15 | 12/20 | 18/20<br>18/30 | 21/35 | 26/35 |
| YJV<br>YJY | YJLV<br>YJLY | 1 | 1.5~800 | 10~800 | 25~630 | 25~630 | 25~630 | 25~630 | 50~630 | 50~630 | 50~630 |
| | | 2 | 1.5~400 | 10~400 | / | / | / | / | / | / | / |
| | | 3 | 1.5~500 | 10~500 | 25~400 | 25~400 | 25~400 | 25~400 | 50~400 | 50~400 | 50~400 |
| | | 4 | 1.5~400 | / | / | / | / | / | / | / | / |
| | | 3+1 | 4~400 | 10~400 | / | / | / | / | / | / | / |
| | | 3+2<br>4+1 | 4-400 | / | / | / | / | / | / | / | / |
| | | 5 | 1.5~300 | / | / | / | / | / | / | / | / |
| YJV62<br>YJV72<br>YJY63<br>YJY73 | YJLV62<br>YJLV72<br>YJLY63<br>YJLY73 | 1 | 10~800 | 10~800 | 25~630 | 25~630 | 25~630 | 25~630 | 50~630 | 50~630 | 50~630 |
| YJV22<br>YJV32<br>YJY23<br>YJY43<br>YJY33 | YJLY22<br>YJLY32<br>YJLY23<br>YJLY43<br>YJLY33 | 2 | 4~300 | 10~300 | / | / | / | / | / | / | / |
| | | 3 | 2.5~500 | 10~500 | 25~400 | 25~400 | 25~400 | 25~400 | 50~400 | 50~400 | 50~400 |
| | | 4 | 1.5~400 | / | / | / | / | / | / | / | / |
| | | 3+1 | 4~400 | 10~400 | / | / | / | / | / | / | / |
| | | 3+2<br>4+1 | 4~400 | / | / | / | / | / | / | / | / |
| | | 5 | 2.5~300 | / | / | / | / | / | / | / | / |

## 六、电缆外径尺寸 OD Size of Cable(OD:outer diameter)

### YJV-0.6/1kV、YJLV-0.6/1kV Table1

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross section area of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 1*1.5 | 0.7 | 1.4 | 5.6 |
| 1*2.5 | 0.7 | 1.4 | 6.0 |
| 1*4 | 0.7 | 1.4 | 6.5 |
| 1*6 | 0.7 | 1.4 | 7.0 |
| 1*10 | 0.7 | 1.4 | 8.2 |
| 1*16 | 0.7 | 1.4 | 9.3 |
| 1*25 | 0.9 | 1.4 | 11.0 |
| 1*35 | 0.9 | 1.4 | 12.0 |
| 1*50 | 1.0 | 1.4 | 13.8 |
| 1*70 | 1.1 | 1.4 | 16.2 |
| 1*95 | 1.1 | 1.5 | 17.2 |
| 1*120 | 1.2 | 1.5 | 19.1 |
| 1*150 | 1.4 | 1.6 | 21.2 |
| 1*185 | 1.6 | 1.6 | 23.1 |
| 1*240 | 1.7 | 1.7 | 26.0 |
| 1*300 | 1.8 | 1.8 | 28.4 |
| 1*400 | 2.0 | 1.9 | 33.1 |
| 1*500 | 2.2 | 2.0 | 37.8 |
| 1*630 | 2.4 | 2.2 | 40.0 |
| 1*800 | 2.6 | 2.3 | 45.0 |

## YJV-0.6/1kV、YJLV-0.6/1kV Table2

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross section area of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable | |
|---|---|---|---|---|
| | | | 紧压圆形导体<br>Compact circular conductor | 成型导体<br>Shaped conductor |
| 2*1.5 | 0.7 | 1.8 | 9.7 | / |
| 2*2.5 | 0.7 | 1.8 | 10.6 | / |
| 2*4 | 0.7 | 1.8 | 11.5 | / |
| 2*6 | 0.7 | 1.8 | 12.6 | / |
| 2*10 | 0.7 | 1.8 | 15.2 | / |
| 2*16 | 0.7 | 1.8 | 17.3 | / |
| 2*25 | 0.9 | 1.8 | 20.0 | / |
| 2*35 | 0.9 | 1.8 | 22.0 | / |
| 2*50 | 1.0 | 1.8 | 25.2 | 19.8 |
| 2*70 | 1.1 | 1.8 | 28.6 | 22.2 |
| 2*95 | 1.1 | 2.0 | 32.8 | 25.2 |
| 2*120 | 1.2 | 2.1 | 37.4 | 28.0 |
| 2*150 | 1.4 | 2.2 | 41.0 | 31.2 |
| 2*185 | 1.6 | 2.3 | 44.8 | 34.2 |
| 2*240 | 1.7 | 2.5 | 51.0 | 38.0 |
| 2*300 | 1.8 | 2.7 | 56.0 | 41.0 |
| 2*400 | 2.0 | 2.9 | 64.0 | 46.0 |

## YJV-0.6/1kV、YJLV-0.6/1kV Table3

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross section area of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable | |
|---|---|---|---|---|
| | | | 紧压圆形导体<br>Compact circular conductor | 成型导体<br>Shaped conductor |
| 3*1.5 | 0.7 | 1.8 | 10.0 | / |
| 3*2.5 | 0.7 | 1.8 | 10.8 | / |
| 3*4 | 0.7 | 1.8 | 11.8 | / |
| 3*6 | 0.7 | 1.8 | 12.9 | / |
| 3*10 | 0.7 | 1.8 | 15.7 | / |
| 3*16 | 0.7 | 1.8 | 18.0 | / |
| 3*25 | 0.9 | 1.8 | 20.8 | / |
| 3*35 | 0.9 | 1.8 | 22.9 | / |
| 3*50 | 1.0 | 1.8 | 26.8 | 22.6 |
| 3*70 | 1.1 | 1.9 | 30.7 | 26.5 |
| 3*95 | 1.1 | 2.0 | 35.0 | 29.8 |
| 3*120 | 1.2 | 2.1 | 39.9 | 33.0 |
| 3*150 | 1.4 | 2.3 | 44.0 | 36.6 |
| 3*185 | 1.6 | 2.4 | 48.0 | 41.6 |
| 3*240 | 1.7 | 2.6 | 54.7 | 46.4 |
| 3*300 | 1.8 | 2.8 | 59.8 | 50.6 |
| 3*400 | 2.0 | 3.1 | 67.0 | 57.0 |
| 3*500 | 2.2 | 3.3 | 75.5 | 64.0 |

## YJV-0.6/1kV、YJLV-0.6/1kV Table4

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross section area of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable | |
|---|---|---|---|---|
| | | | 紧压圆形导体<br>Compact circular conductor | 成型导体<br>Shaped conductor |
| 4*1.5 | 0.7 | 1.8 | 10.6 | / |
| 4*2.5 | 0.7 | 1.8 | 11.5 | / |
| 4*4 | 0.7 | 1.8 | 12.8 | / |
| 4*6 | 0.7 | 1.8 | 14.0 | / |
| 4*10 | 0.7 | 1.8 | 17.0 | / |
| 4*16 | 0.7 | 1.8 | 19.6 | / |
| 4*25 | 0.9 | 1.8 | 22.8 | / |
| 4*35 | 0.9 | 1.8 | 25.2 | / |
| 4*50 | 1.0 | 1.9 | 29.7 | 27.0 |
| 4*70 | 1.1 | 2.0 | 34.1 | 31.0 |
| 4*95 | 1.1 | 2.1 | 38.8 | 34.6 |
| 4*120 | 1.2 | 2.3 | 44.5 | 39.0 |
| 4*150 | 1.4 | 2.4 | 48.8 | 42.4 |
| 4*185 | 1.6 | 2.6 | 53.6 | 48.0 |
| 4*240 | 1.7 | 2.8 | 60.9 | 51.2 |
| 4*300 | 1.8 | 3.0 | 66.6 | 59.8 |
| 4*400 | 2.0 | 3.3 | 77.0 | 68.0 |

## YJV-0.6/1kV、YJLV-0.6/1kV Table5

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross section area of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable | |
|---|---|---|---|---|
| | | | 紧压圆形导体<br>Compact circular conductor | 成型导体<br>Shaped conductor |
| 3*4+1*2.5 | 0.7/0.7 | 1.8 | 12.3 | / |
| 3*6+1*4 | 0.7/0.7 | 1.8 | 13.5 | / |
| 3*10+1*6 | 0.7/0.7 | 1.8 | 16.6 | / |
| 3*16+1*10 | 0.7/0.7 | 1.8 | 19.2 | / |
| 3*25+1*16 | 0.9/0.7 | 1.8 | 22.4 | / |
| 3*35+1*16 | 0.9/0.7 | 1.8 | 24.6 | / |
| 3*50+1*25 | 1.0/0.9 | 1.8 | 28.1 | 27.0 |
| 3*70+1*35 | 1.1/0.9 | 1.9 | 32.0 | 31.0 |
| 3*95+1*50 | 1.1/1.0 | 2.1 | 36.7 | 35.2 |
| 3*120+1*70 | 1.2/1.1 | 2.2 | 41.9 | 39.0 |
| 3*150+1*70 | 1.4/1.1 | 2.3 | 45.2 | 41.8 |
| 3*185+1*95 | 1.6/1.1 | 2.5 | 50.0 | 47.0 |
| 3*240+1*120 | 1.7/1.2 | 2.7 | 56.9 | 52.6 |
| 3*300+1*150 | 1.8/1.4 | 2.9 | 62.5 | 57.9 |
| 3*400+1*185 | 2.0/1.6 | 3.3 | 71.0 | 65.0 |

## YJV-0.6/1kV、YJLV-0.6/1kV Table6

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross section area of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable | |
|---|---|---|---|---|
| | | | 紧压圆形导体<br>Compact circular conductor | 成型导体<br>Shaped conductor |
| 3*4+2*2.5 | 0.7/0.7 | 1.8 | 13.6 | / |
| 3*6+2*4 | 0.7/0.7 | 1.8 | 14.8 | / |
| 3*10+2*6 | 0.7/0.7 | 1.8 | 17.5 | / |

| | | | | |
|---|---|---|---|---|
| 3*16+2*10 | 0.7/0.7 | 1.8 | 20.7 | / |
| 3*25+2*16 | 0.9/0.7 | 1.8 | 24.5 | / |
| 3*35+2*16 | 0.9/0.7 | 1.8 | 26.2 | / |
| 3*50+2*25 | 1.0/0.9 | 1.9 | 30.2 | 27.7 |
| 3*70+2*35 | 1.1/0.9 | 2.0 | 34.2 | 32.2 |
| 3*95+2*50 | 1.1/1.0 | 2.2 | 39.2 | 36.3 |
| 3*120+2*70 | 1.2/1.1 | 2.3 | 44.8 | 40.7 |
| 3*150+2*70 | 1.4/1.1 | 2.4 | 47.8 | 43.5 |
| 3*185+2*95 | 1.6/1.1 | 2.6 | 53.1 | 48.0 |
| 3*240+2*120 | 1.7/1.2 | 2.8 | 60.5 | 53.4 |
| 3*300+2*150 | 1.8/1.4 | 3.0 | 66.0 | 58.0 |
| 3*400+2*185 | 2.0/1.6 | 3.3 | 75.0 | 68.0 |

## YJV-0.6/1kV、YJLV-0.6/1kV Table7

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross section area of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable | |
|---|---|---|---|---|
| | | | 紧压圆形导体<br>Compact circular conductor | 成型导体<br>Shaped conductor |
| 4*4+1*2.5 | 0.7/0.7 | 1.8 | 14.5 | / |
| 4*6+1*4 | 0.7/0.7 | 1.8 | 15.5 | / |
| 4*10+1*6 | 0.7/0.7 | 1.8 | 18.2 | / |
| 4*16+1*10 | 0.7/0.7 | 1.8 | 21.3 | / |
| 4*25+1*16 | 0.9/0.7 | 1.8 | 25.3 | / |
| 4*35+1*16 | 0.9/0.7 | 1.8 | 27.6 | / |
| 4*50+1*25 | 1.0/0.9 | 1.9 | 31.5 | 29.0 |
| 4*70+1*35 | 1.1/0.9 | 2.1 | 36.1 | 33.9 |
| 4*95+1*50 | 1.1/1.0 | 2.2 | 41.1 | 38.0 |
| 4*120+1*70 | 1.2/1.1 | 2.4 | 47.2 | 41.9 |
| 4*150+1*70 | 1.4/1.1 | 2.5 | 51.1 | 45.4 |
| 4*185+1*95 | 1.6/1.1 | 2.7 | 56.2 | 50.3 |
| 4*240+1*120 | 1.7/1.2 | 2.9 | 64.1 | 56.0 |
| 4*300+1*150 | 1.8/1.4 | 3.1 | 70.0 | 67.0 |
| 4*400+1*185 | 2.0/1.6 | 3.4 | 79.0 | 70.0 |

## YJV-0.6/1kV、YJLV-0.6/1kV Table8

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross section area of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable | |
|---|---|---|---|---|
| | | | 紧压圆形导体<br>Compact circular conductor | 成型导体<br>Shaped conductor |
| 5*1.5 | 0.7 | 1.8 | 11.4 | / |
| 5*2.5 | 0.7 | 1.8 | 12.5 | / |
| 5*4 | 0.7 | 1.8 | 13.8 | / |
| 5*6 | 0.7 | 1.8 | 15.0 | / |
| 5*10 | 0.7 | 1.8 | 18.5 | / |
| 5*16 | 0.7 | 1.8 | 21.3 | / |
| 5*25 | 0.9 | 1.8 | 26.0 | / |
| 5*35 | 0.9 | 1.8 | 29.5 | / |
| 5*50 | 1.0 | 2.0 | 33.0 | 31.4 |
| 5*70 | 1.1 | 2.1 | 37.7 | 36.8 |
| 5*95 | 1.1 | 2.3 | 43.3 | 41.4 |
| 5*120 | 1.2 | 2.4 | 49.3 | 44.8 |
| 5*150 | 1.4 | 2.6 | 54.3 | 49.6 |

| | | | | |
|---|---|---|---|---|
| 5*185 | 1.6 | 2.8 | 60.0 | 55.0 |
| 5*240 | 1.7 | 3.0 | 67.0 | 62.0 |
| 5*300 | 1.8 | 3.2 | 74.0 | 69.0 |

## YJV62-0.6/1kV、YJLV62-0.6/1kV Table9

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross section area of conductor | 绝缘厚度<br>（mm）<br>Insulation thickness | 护套标称厚度<br>（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 1*10 | 0.7 | 1.4 | 12.0 |
| 1*16 | 0.7 | 1.4 | 13.1 |
| 1*25 | 0.9 | 1.4 | 14.8 |
| 1*35 | 0.9 | 1.4 | 15.9 |
| 1*50 | 1.0 | 1.4 | 18.3 |
| 1*70 | 1.1 | 1.5 | 20.0 |
| 1*95 | 1.1 | 1.6 | 21.5 |
| 1*120 | 1.2 | 1.6 | 24.2 |
| 1*150 | 1.4 | 1.7 | 25.6 |
| 1*185 | 1.6 | 1.7 | 27.8 |
| 1*240 | 1.7 | 1.8 | 30.6 |
| 1*300 | 1.8 | 1.9 | 33.4 |
| 1*400 | 2.0 | 2.0 | 37.8 |
| 1*500 | 2.2 | 2.2 | 42.6 |
| 1*630 | 2.4 | 2.3 | 45.0 |
| 1*800 | 2.6 | 2.5 | 51.0 |

## YJV22-0.6/1kV、YJLV22-0.6/1kV Table10

| 芯数*导体标称截面<br>（mm²）<br>Core no. * nominal cross section area of conductor | 绝缘厚度<br>（mm）<br>Insulation thickness | 护套标称厚度<br>（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable | |
|---|---|---|---|---|
| | | | 紧压圆形导体<br>Compact circular conductor | 成型导体<br>Shaped conductor |
| 2*4 | 0.7 | 1.8 | 14.5 | / |
| 2*6 | 0.7 | 1.8 | 15.6 | / |
| 2*10 | 0.7 | 1.8 | 18.2 | / |
| 2*16 | 0.7 | 1.8 | 20.3 | / |
| 2*25 | 0.9 | 1.8 | 23.0 | / |
| 2*35 | 0.9 | 1.8 | 25.0 | / |
| 2*50 | 1.0 | 1.8 | 28.0 | 21.8 |
| 2*70 | 1.1 | 1.9 | 31.6 | 25.7 |
| 2*95 | 1.1 | 2.0 | 35.6 | 28.7 |
| 2*120 | 1.2 | 2.2 | 41.6 | 31.5 |
| 2*150 | 1.4 | 2.3 | 45.2 | 34.7 |
| 2*185 | 1.6 | 2.4 | 49.0 | 38.2 |
| 2*240 | 1.7 | 2.6 | 55.6 | 42.0 |
| 2*300 | 1.8 | 2.8 | 60.5 | 46.0 |
| 2*400 | 2.0 | 3.0 | 69.0 | 52.0 |

## YJV22-0.6/1kV、YJLV22-0.6/1kV Table11

| 芯数*导体标称截面<br>（mm²）<br>Core no. * nominal cross section area of conductor | 绝缘厚度<br>（mm）<br>Insulation thickness | 护套标称厚度<br>（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable | |
|---|---|---|---|---|
| | | | 紧压圆形导体<br>Compact circular conductor | 成型导体<br>Shaped conductor |
| 3*2.5 | 0.7 | 1.8 | 13.8 | / |
| 3*4 | 0.7 | 1.8 | 14.8 | / |
| 3*6 | 0.7 | 1.8 | 15.9 | / |

| | | | | |
|---|---|---|---|---|
| 3*10 | 0.7 | 1.8 | 18.7 | / |
| 3*16 | 0.7 | 1.8 | 21.0 | / |
| 3*25 | 0.9 | 1.8 | 23.8 | / |
| 3*35 | 0.9 | 1.8 | 25.9 | / |
| 3*50 | 1.0 | 1.8 | 29.6 | 26.1 |
| 3*70 | 1.1 | 2.0 | 33.7 | 30.0 |
| 3*95 | 1.1 | 2.2 | 39.4 | 33.3 |
| 3*120 | 1.2 | 2.3 | 44.3 | 36.5 |
| 3*150 | 1.4 | 2.4 | 48.2 | 40.6 |
| 3*185 | 1.6 | 2.6 | 52.4 | 45.6 |
| 3*240 | 1.7 | 2.7 | 59.3 | 50.4 |
| 3*300 | 1.8 | 2.9 | 64.4 | 55.1 |
| 3*400 | 2.0 | 3.2 | 74.0 | 65.0 |
| 3*500 | 2.2 | 3.4 | 83.0 | 72.0 |

## YJV22-0.6/1kV、YJLV22-0.6/1kV Table12

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross section area of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable | |
|---|---|---|---|---|
| | | | 紧压圆形导体<br>Compact circular conductor | 成型导体<br>Shaped conductor |
| 4*1.5 | 0.7 | 1.8 | 13.6 | / |
| 4*2.5 | 0.7 | 1.8 | 14.5 | / |
| 4*4 | 0.7 | 1.8 | 15.8 | / |
| 4*6 | 0.7 | 1.8 | 17.0 | / |
| 4*10 | 0.7 | 1.8 | 20.0 | / |
| 4*16 | 0.7 | 1.8 | 22.6 | / |
| 4*25 | 0.9 | 1.8 | 25.8 | / |
| 4*35 | 0.9 | 1.8 | 28.7 | / |
| 4*50 | 1.0 | 1.9 | 32.5 | 30.5 |
| 4*70 | 1.1 | 2.1 | 37.1 | 34.5 |
| 4*95 | 1.1 | 2.3 | 43.2 | 38.6 |
| 4*120 | 1.2 | 2.4 | 48.7 | 43.0 |
| 4*150 | 1.4 | 2.6 | 53.6 | 46.4 |
| 4*185 | 1.6 | 2.7 | 58.2 | 52.5 |
| 4*240 | 1.7 | 2.9 | 65.5 | 55.7 |
| 4*300 | 1.8 | 3.1 | 71.2 | 64.8 |
| 4*400 | 2.0 | 3.4 | 80.0 | 72.0 |

## YJV22-0.6/1kV、YJLV22-0.6/1kV Table13

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross section area of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable | |
|---|---|---|---|---|
| | | | 紧压圆形导体<br>Compact circular conductor | 成型导体<br>Shaped conductor |
| 3*4+1*2.5 | 0.7/0.7 | 1.8 | 15.3 | / |
| 3*6+1*4 | 0.7/0.7 | 1.8 | 16.5 | / |
| 3*10+1*6 | 0.7/0.7 | 1.8 | 19.6 | / |
| 3*16+1*10 | 0.7/0.7 | 1.8 | 22.2 | / |
| 3*25+1*16 | 0.9/0.7 | 1.8 | 25.4 | / |
| 3*35+1*16 | 0.9/0.7 | 1.8 | 27.6 | / |
| 3*50+1*25 | 1.0/0.9 | 1.9 | 31.1 | 30.5 |
| 3*70+1*35 | 1.1/0.9 | 2.0 | 35.0 | 34.5 |
| 3*95+1*50 | 1.1/1.0 | 2.2 | 40.9 | 39.2 |
| 3*120+1*70 | 1.2/1.1 | 2.3 | 46.1 | 43.0 |
| 3*150+1*70 | 1.4/1.1 | 2.5 | 49.6 | 45.8 |
| 3*185+1*95 | 1.6/1.1 | 2.6 | 54.6 | 51.5 |

| | | | | |
|---|---|---|---|---|
| 3*240+1*120 | 1.7/1.2 | 2.8 | 61.5 | 57.1 |
| 3*300+1*150 | 1.8/1.4 | 3.0 | 67.1 | 62.9 |
| 3*400+1*185 | 2.0/1.6 | 3.3 | 75.0 | 69.0 |

## YJV22-0.6/1kV、YJLV22-0.6/1kV Table14

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross section area of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable | |
|---|---|---|---|---|
| | | | 紧压圆形导体<br>Compact circular conductor | 成型导体<br>Shaped conductor |
| 3*4+2*2.5 | 0.7/0.7 | 1.8 | 17.0 | / |
| 3*6+2*4 | 0.7/0.7 | 1.8 | 18.5 | / |
| 3*10+2*6 | 0.7/0.7 | 1.8 | 20.3 | / |
| 3*16+2*10 | 0.7/0.7 | 1.8 | 23.5 | / |
| 3*25+2*16 | 0.9/0.7 | 1.8 | 27.3 | / |
| 3*35+2*16 | 0.9/0.7 | 1.8 | 29.0 | / |
| 3*50+2*25 | 1.0/0.9 | 1.9 | 33.0 | 31.2 |
| 3*70+2*35 | 1.1/0.9 | 2.2 | 37.3 | 35.7 |
| 3*95+2*50 | 1.1/1.0 | 2.3 | 43.3 | 40.3 |
| 3*120+2*70 | 1.2/1.1 | 2.4 | 49.0 | 44.7 |
| 3*150+2*70 | 1.4/1.1 | 2.5 | 52.0 | 47.5 |
| 3*185+2*95 | 1.6/1.1 | 2.7 | 57.7 | 52.5 |
| 3*240+2*120 | 1.7/1.2 | 2.9 | 65.1 | 57.9 |
| 3*300+2*150 | 1.8/1.4 | 3.1 | 72.0 | 63.0 |
| 3*400+2*185 | 2.0/1.6 | 3.4 | 77.0 | 71.0 |

## YJV22-0.6/1kV、YJLV22-0.6/1kV Table15

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross section area of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable | |
|---|---|---|---|---|
| | | | 紧压圆形导体<br>Compact circular conductor | 成型导体<br>Shaped conductor |
| 4*4+1*2.5 | 0.7 | 1.8 | 17.5 | / |
| 4*6+1*4 | 0.7 | 1.8 | 18.9 | / |
| 4*10+1*6 | 0.7 | 1.8 | 21.0 | / |
| 4*16+1*10 | 0.7/0.7 | 1.8 | 24.1 | / |
| 4*25+1*16 | 0.9/0.7 | 1.8 | 28.1 | / |
| 4*35+1*16 | 0.9/0.7 | 1.8 | 30.4 | / |
| 4*50+1*25 | 1.0/0.9 | 2.0 | 34.5 | 32.5 |
| 4*70+1*35 | 1.1/0.9 | 2.2 | 40.3 | 37.9 |
| 4*95+1*50 | 1.1/1.0 | 2.3 | 45.3 | 42.0 |
| 4*120+1*70 | 1.2/1.1 | 2.5 | 51.4 | 45.9 |
| 4*150+1*70 | 1.4/1.1 | 2.6 | 55.7 | 49.9 |
| 4*185+1*95 | 1.6/1.1 | 2.8 | 60.8 | 54.8 |
| 4*240+1*120 | 1.7/1.2 | 3.0 | 68.7 | 61.0 |
| 4*300+1*150 | 1.8/1.4 | 3.2 | 76.0 | 68.0 |
| 4*400+1*185 | 2.0/1.6 | 3.6 | 79.0 | 70.0 |

## YJV22-0.6/1kV、YJLV22-0.6/1kV Table16

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross section area of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable | |
|---|---|---|---|---|
| | | | 紧压圆形导体<br>Compact circular conductor | 成型导体<br>Shaped conductor |
| 5*2.5 | 0.7 | 1.8 | 15.5 | / |
| 5*4 | 0.7 | 1.8 | 16.8 | / |
| 5*6 | 0.7 | 1.8 | 18.0 | / |

| | | | | |
|---|---|---|---|---|
| 5*10 | 0.7 | 1.8 | 21.5 | / |
| 5*16 | 0.7 | 1.8 | 24.3 | / |
| 5*25 | 0.9 | 1.8 | 29.5 | / |
| 5*35 | 0.9 | 1.9 | 33.0 | / |
| 5*50 | 1.0 | 2.0 | 35.8 | 34.9 |
| 5*70 | 1.1 | 2.2 | 41.9 | 40.8 |
| 5*95 | 1.1 | 2.4 | 47.5 | 45.4 |
| 5*120 | 1.2 | 2.6 | 53.7 | 49.3 |
| 5*150 | 1.4 | 2.7 | 58.9 | 54.1 |
| 5*185 | 1.6 | 2.9 | 65.0 | 64.0 |
| 5*240 | 1.7 | 3.1 | 73.0 | 71.0 |
| 5*300 | 1.8 | 3.4 | 80.0 | 78.0 |

## YJV-1.8/3kV、YJLV-1.8/3kV Table17

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross section area of conductor | 绝缘厚度<br>（mm）<br>Insulation thickness | 护套标称厚度<br>（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 1*10 | 2.0 | 1.4 | 11.0 |
| 1*16 | 2.0 | 1.4 | 12.0 |
| 1*25 | 2.0 | 1.4 | 13.0 |
| 1*35 | 2.0 | 1.4 | 14.5 |
| 1*50 | 2.0 | 1.5 | 15.5 |
| 1*70 | 2.0 | 1.5 | 17.0 |
| 1*95 | 2.0 | 1.6 | 19.0 |
| 1*120 | 2.0 | 1.6 | 21.0 |
| 1*150 | 2.0 | 1.7 | 22.5 |
| 1*185 | 2.0 | 1.7 | 24.0 |
| 1*240 | 2.0 | 1.8 | 27.0 |
| 1*300 | 2.0 | 1.9 | 29.0 |
| 1*400 | 2.0 | 2.0 | 32.5 |
| 1*500 | 2.2 | 2.1 | 36.5 |
| 1*630 | 2.4 | 2.2 | 40.5 |
| 1*800 | 2.6 | 2.2 | 44.0 |

## YJV-1.8/3kV、YJLV-1.8/3kV Table18

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross section area of conductor | 绝缘厚度<br>（mm）<br>Insulation thickness | 护套标称厚度<br>（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 2*10 | 2.0 | 1.8 | 20.0 |
| 2*16 | 2.0 | 1.8 | 22.0 |
| 2*25 | 2.0 | 1.8 | 24.0 |
| 2*35 | 2.0 | 1.8 | 25.6 |
| 2*50 | 2.0 | 1.9 | 28.0 |
| 2*70 | 2.0 | 2.0 | 31.4 |
| 2*95 | 2.0 | 2.1 | 35.0 |
| 2*120 | 2.0 | 2.2 | 38.0 |
| 2*150 | 2.0 | 2.3 | 42.0 |
| 2*185 | 2.0 | 2.4 | 46.0 |
| 2*240 | 2.0 | 2.6 | 49.5 |
| 2*300 | 2.0 | 2.7 | 56.0 |
| 2*400 | 2.0 | 2.9 | 62.0 |

## YJV-1.8/3kV、YJLV-1.8/3kV Table19

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 3*10 | 2.0 | 1.8 | 22.0 |
| 3*16 | 2.0 | 1.8 | 24.0 |
| 3*25 | 2.0 | 1.8 | 26.5 |
| 3*35 | 2.0 | 1.9 | 29.0 |
| 3*50 | 2.0 | 2.0 | 31.5 |
| 3*70 | 2.0 | 2.1 | 35.5 |
| 3*95 | 2.0 | 2.2 | 39.5 |
| 2*120 | 2.0 | 2.3 | 43.5 |
| 3*150 | 2.0 | 2.4 | 47.0 |
| 3*185 | 2.0 | 2.5 | 50.0 |
| 3*240 | 2.0 | 2.7 | 56.0 |
| 3*300 | 2.0 | 2.8 | 60.0 |
| 3*400 | 2.0 | 3.0 | 67.0 |
| 3*500 | 2.2 | 3.2 | 74.0 |

## YJV62-1.8/3kV、YJLV62-1.8/3kV Table20

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 1*10 | 2.0 | 1.4 | 13.5 |
| 1*16 | 2.0 | 1.4 | 14.5 |
| 1*25 | 2.0 | 1.4 | 15.5 |
| 1*35 | 2.0 | 1.5 | 16.5 |
| 1*50 | 2.0 | 1.5 | 17.5 |
| 1*70 | 2.0 | 1.6 | 19.5 |
| 1*95 | 2.0 | 1.6 | 21.5 |
| 1*120 | 2.0 | 1.7 | 23.0 |
| 1*150 | 2.0 | 1.7 | 25.0 |
| 1*185 | 2.0 | 1.8 | 26.5 |
| 1*240 | 2.0 | 1.8 | 28.5 |
| 1*300 | 2.0 | 1.9 | 32.0 |
| 1*400 | 2.0 | 2.0 | 36.5 |
| 1*500 | 2.2 | 2.2 | 40.5 |
| 1*630 | 2.4 | 2.3 | 44.5 |
| 1*800 | 2.6 | 2.5 | 48.0 |

## YJV22-1.8/3kV、YJLV22-1.8/3kV Table21

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 2*10 | 2.0 | 1.8 | 22.5 |
| 2*16 | 2.0 | 1.8 | 24.5 |
| 2*25 | 2.0 | 1.8 | 26.5 |
| 2*35 | 2.0 | 1.8 | 28.5 |
| 2*50 | 2.0 | 1.9 | 31.0 |
| 2*70 | 2.0 | 2.0 | 34.5 |
| 2*95 | 2.0 | 2.2 | 39.5 |
| 2*120 | 2.0 | 2.3 | 43.0 |
| 2*150 | 2.0 | 2.4 | 47.0 |
| 2*185 | 2.0 | 2.5 | 51.0 |
| 2*240 | 2.0 | 2.7 | 54.5 |
| 2*300 | 2.0 | 2.8 | 60.0 |
| 2*400 | 2.0 | 3.1 | 68.0 |

## YJV22-1.8/3kV、YJLV22-1.8/3kV Table22

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 3*10 | 2.0 | 1.8 | 23.5 |
| 3*16 | 2.0 | 1.8 | 26.0 |
| 3*25 | 2.0 | 1.8 | 28.5 |
| 3*35 | 2.0 | 1.9 | 30.5 |
| 3*50 | 2.0 | 2.0 | 33.0 |
| 3*70 | 2.0 | 2.2 | 38.0 |
| 3*95 | 2.0 | 2.3 | 42.5 |
| 2*120 | 2.0 | 2.4 | 46.0 |
| 3*150 | 2.0 | 2.5 | 50.5 |
| 3*185 | 2.0 | 2.6 | 54.5 |
| 3*240 | 2.0 | 2.8 | 58.5 |
| 3*300 | 2.0 | 2.9 | 65.0 |
| 3*400 | 2.0 | 3.2 | 73.0 |
| 3*500 | 2.2 | 3.4 | 82.0 |

## YJV72-1.8/3kV、YJLV72-1.8/3kV Table23

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 1*10 | 2.0 | 1.4 | 14.5 |
| 1*16 | 2.0 | 1.4 | 16.5 |
| 1*25 | 2.0 | 1.5 | 17.5 |
| 1*35 | 2.0 | 1.5 | 18.5 |
| 1*50 | 2.0 | 1.5 | 19.5 |
| 1*70 | 2.0 | 1.6 | 22.0 |
| 1*95 | 2.0 | 1.7 | 24.0 |
| 1*120 | 2.0 | 1.7 | 25.0 |
| 1*150 | 2.0 | 1.8 | 27.0 |
| 1*185 | 2.0 | 1.8 | 29.5 |
| 1*240 | 2.0 | 1.9 | 31.0 |
| 1*300 | 2.0 | 2.0 | 35.5 |
| 1*400 | 2.0 | 2.1 | 39.0 |
| 1*500 | 2.2 | 2.2 | 42.5 |
| 1*630 | 2.4 | 2.3 | 48.0 |
| 1*800 | 2.6 | 2.6 | 51.5 |

## YJV32-1.8/3kV、YJLV32-1.8/3kV Table24

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 2*10 | 2.0 | 1.8 | 28.0 |
| 2*16 | 2.0 | 1.8 | 30.1 |
| 2*25 | 2.0 | 1.8 | 32.5 |
| 2*35 | 2.0 | 1.9 | 34.3 |
| 2*50 | 2.0 | 2.0 | 38.5 |
| 2*70 | 2.0 | 2.1 | 42.0 |
| 2*95 | 2.0 | 2.2 | 46.0 |
| 2*120 | 2.0 | 2.3 | 51.3 |
| 2*150 | 2.0 | 2.5 | 55.3 |
| 2*185 | 2.0 | 2.6 | 59.2 |
| 2*240 | 2.0 | 2.7 | 63.1 |
| 2*300 | 2.0 | 2.9 | 70.2 |
| 2*400 | 2.0 | 3.0 | 76.0 |

## YJV32-1.8/3kV、YJLV32-1.8/3kV Table25

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 3*10 | 2.0 | 1.8 | 29.0 |
| 3*16 | 2.0 | 1.8 | 31.5 |
| 3*25 | 2.0 | 1.9 | 34.0 |
| 3*35 | 2.0 | 1.9 | 37.5 |
| 3*50 | 2.0 | 2.1 | 40.5 |
| 3*70 | 2.0 | 2.2 | 44.0 |
| 3*95 | 2.0 | 2.3 | 50.5 |
| 2*120 | 2.0 | 2.4 | 54.0 |
| 3*150 | 2.0 | 2.5 | 58.5 |
| 3*185 | 2.0 | 2.7 | 62.5 |
| 3*240 | 2.0 | 2.8 | 67.0 |
| 3*300 | 2.0 | 3.0 | 74.0 |
| 3*400 | 2.0 | 3.4 | 84.0 |
| 3*500 | 2.2 | 3.6 | 91.5 |

## YJV-3.6/6kV、YJLV-3.6/6kV Table26

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 1*25 | 2.5 | 1.5 | 18.1 |
| 1*35 | 2.5 | 1.5 | 19.0 |
| 1*50 | 2.5 | 1.6 | 20.3 |
| 1*70 | 2.5 | 1.6 | 22.1 |
| 1*95 | 2.5 | 1.7 | 23.7 |
| 1*120 | 2.5 | 1.7 | 25.3 |
| 1*150 | 2.5 | 1.8 | 27.1 |
| 1*185 | 2.5 | 1.8 | 28.8 |
| 1*240 | 2.6 | 1.9 | 31.3 |
| 1*300 | 2.8 | 2.0 | 34.5 |
| 1*400 | 3.0 | 2.1 | 38.5 |
| 1*500 | 3.2 | 2.2 | 42.3 |
| 1*630 | 3.2 | 2.3 | 48.0 |

## YJV-3.6/6kV、YJLV-3.6/6kV Table27

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 3*25 | 2.5 | 2.1 | 36.0 |
| 3*35 | 2.5 | 2.2 | 38.0 |
| 3*50 | 2.5 | 2.3 | 41.2 |
| 3*70 | 2.5 | 2.4 | 44.7 |
| 3*95 | 2.5 | 2.5 | 48.7 |
| 3*120 | 2.5 | 2.6 | 51.7 |
| 3*150 | 2.5 | 2.7 | 55.5 |
| 3*185 | 2.5 | 2.8 | 58.9 |
| 3*240 | 2.6 | 3.0 | 64.7 |
| 3*300 | 2.8 | 3.2 | 72.6 |
| 3*400 | 3.0 | 3.4 | 78.0 |

## YJV62-3.6/6kV、YJLV62-3.6/6kV Table28

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 1*25 | 2.5 | 1.6 | 21.9 |

| | | | |
|---|---|---|---|
| 1*35 | 2.5 | 1.6 | 22.7 |
| 1*50 | 2.5 | 1.7 | 24.0 |
| 1*70 | 2.5 | 1.7 | 25.8 |
| 1*95 | 2.5 | 1.8 | 27.4 |
| 1*120 | 2.5 | 1.8 | 29.0 |
| 1*150 | 2.5 | 1.9 | 31.6 |
| 1*185 | 2.5 | 1.9 | 33.4 |
| 1*240 | 2.6 | 2.0 | 36.0 |
| 1*300 | 2.8 | 2.1 | 38.7 |
| 1*400 | 3.0 | 2.2 | 42.7 |
| 1*500 | 3.2 | 2.3 | 46.2 |
| 1*630 | 3.2 | 2.5 | 51.0 |

## YJV72-3.6/6kV、YJLV72-3.6/6kV Table29

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 1*25 | 2.5 | 1.7 | 24.0 |
| 1*35 | 2.5 | 1.7 | 25.0 |
| 1*50 | 2.5 | 1.8 | 27.0 |
| 1*70 | 2.5 | 1.8 | 28.0 |
| 1*95 | 2.5 | 1.9 | 30.0 |
| 1*120 | 2.5 | 1.9 | 32.0 |
| 1*150 | 2.5 | 2.0 | 33.0 |
| 1*185 | 2.5 | 2.1 | 36.0 |
| 1*240 | 2.6 | 2.1 | 38.0 |
| 1*300 | 2.8 | 2.2 | 41.0 |
| 1*400 | 3.0 | 2.3 | 45.0 |
| 1*500 | 3.2 | 2.4 | 52.0 |
| 1*630 | 3.2 | 2.6 | 56.0 |

## YJV22-3.6/6kV、YJLV22-3.6/6kV Table30

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 3*25 | 2.5 | 2.2 | 40.5 |
| 3*35 | 2.5 | 2.3 | 42.7 |
| 3*50 | 2.5 | 2.4 | 46.0 |
| 3*70 | 2.5 | 2.5 | 49.7 |
| 3*95 | 2.5 | 2.6 | 53.7 |
| 3*120 | 2.5 | 2.8 | 56.8 |
| 3*150 | 2.5 | 2.9 | 60.6 |
| 3*185 | 2.5 | 3.0 | 64.4 |
| 3*240 | 2.6 | 3.2 | 70.2 |
| 3*300 | 2.8 | 3.4 | 78.5 |
| 3*400 | 3.0 | 3.6 | 88.5 |

## YJV32-3.6/6kV、YJLV32-3.6/6kV Table31

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 3*25 | 2.5 | 2.3 | 43.0 |
| 3*35 | 2.5 | 2.4 | 47.0 |
| 3*50 | 2.5 | 2.5 | 50.0 |
| 3*70 | 2.5 | 2.6 | 54.0 |
| 3*95 | 2.5 | 2.7 | 57.0 |
| 3*120 | 2.5 | 2.9 | 61.0 |
| 3*150 | 2.5 | 3.0 | 64,0 |

| | | | |
|---|---|---|---|
| 3*185 | 2.5 | 3.1 | 68.0 |
| 3*240 | 2.6 | 3.3 | 75.0 |
| 3*300 | 2.8 | 3.5 | 82.0 |
| 3*400 | 3.0 | 3.7 | 89.0 |

## YJV-6/6kV，6/10kV、YJLV-6/6kV，6/10kV Table32

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 1*25 | 3.4 | 1.6 | 20.3 |
| 1*35 | 3.4 | 1.6 | 21.4 |
| 1*50 | 3.4 | 1.6 | 22.7 |
| 1*70 | 3.4 | 1.7 | 24.3 |
| 1*95 | 3.4 | 1.7 | 25.9 |
| 1*120 | 3.4 | 1.8 | 27.4 |
| 1*150 | 3.4 | 1.8 | 29.0 |
| 1*185 | 3.4 | 1.9 | 30.8 |
| 1*240 | 3.4 | 2.0 | 33.2 |
| 1*300 | 3.4 | 2.0 | 36.2 |
| 1*400 | 3.4 | 2.2 | 37.9 |
| 1*500 | 3.4 | 2.2 | 41.9 |
| 1*630 | 3.4 | 2.4 | 46.0 |

## YJV-6/6kV，6/10kV、YJLV-6/6kV，6/10kV Table33

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 3*25 | 3.4 | 2.2 | 39.4 |
| 3*35 | 3.4 | 2.3 | 42.0 |
| 3*50 | 3.4 | 2.4 | 45.0 |
| 3*70 | 3.4 | 2.5 | 48.7 |
| 3*95 | 3.4 | 2.7 | 52.3 |
| 3*120 | 3.4 | 2.8 | 55.7 |
| 3*150 | 3.4 | 2.9 | 59.4 |
| 3*185 | 3.4 | 3.0 | 63.0 |
| 3*240 | 3.4 | 3.1 | 68.2 |
| 3*300 | 3.4 | 3.3 | 75.0 |
| 3*400 | 3.4 | 3.5 | 82.0 |

## YJV62-6/6kV，6/10kV、YJLV62-6/6kV，6/10kV Table34

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 1*25 | 3.4 | 1.7 | 23.3 |
| 1*35 | 3.4 | 1.7 | 24.5 |
| 1*50 | 3.4 | 1.8 | 25.8 |
| 1*70 | 3.4 | 1.8 | 28.4 |
| 1*95 | 3.4 | 1.9 | 29.4 |
| 1*120 | 3.4 | 1.9 | 30.9 |
| 1*150 | 3.4 | 2.0 | 33.2 |
| 1*185 | 3.4 | 2.0 | 35.0 |
| 1*240 | 3.4 | 2.1 | 38.7 |
| 1*300 | 3.4 | 2.2 | 41.9 |
| 1*400 | 3.4 | 2.3 | 45.3 |
| 1*500 | 3.4 | 2.4 | 48.7 |
| 1*630 | 3.4 | 2.5 | 52.0 |

## YJV22-6/6kV，6/10kV、YJLV22-6/6kV，6/10kV　Table35

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 3*25 | 3.4 | 2.4 | 44.7 |
| 3*35 | 3.4 | 2.4 | 47.5 |
| 3*50 | 3.4 | 2.6 | 50.6 |
| 3*70 | 3.4 | 2.7 | 54.3 |
| 3*95 | 3.4 | 2.8 | 58.2 |
| 3*120 | 3.4 | 2.9 | 61.3 |
| 3*150 | 3.4 | 3.0 | 65.5 |
| 3*185 | 3.4 | 3.1 | 69.0 |
| 3*240 | 3.4 | 3.3 | 74.3 |
| 3*300 | 3.4 | 3.5 | 81.0 |
| 3*400 | 3.4 | 3.7 | 90.0 |

## YJV72-6/6kV，6/10kV、YJLV72-6/6kV，6/10kV　Table36

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 1*25 | 3.4 | 1.8 | 27.0 |
| 1*35 | 3.4 | 1.8 | 28.0 |
| 1*50 | 3.4 | 1.8 | 29.0 |
| 1*70 | 3.4 | 1.9 | 31.0 |
| 1*95 | 3.4 | 1.9 | 34.0 |
| 1*120 | 3.4 | 2.0 | 35.0 |
| 1*150 | 3.4 | 2.1 | 37.0 |
| 1*185 | 3.4 | 2.1 | 39.0 |
| 1*240 | 3.4 | 2.2 | 41.0 |
| 1*300 | 3.4 | 2.3 | 43.0 |
| 1*400 | 3.4 | 2.4 | 48.0 |
| 1*500 | 3.4 | 2.5 | 51.0 |
| 1*630 | 3.4 | 2.6 | 55.0 |

## YJV32-6/6kV，6/10kV、YJLV32-6/6kV，6/10kV　Table37

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 3*25 | 3.4 | 2.5 | 43.0 |
| 3*35 | 3.4 | 2.6 | 47.0 |
| 3*50 | 3.4 | 2.7 | 50.0 |
| 3*70 | 3.4 | 2.8 | 54.0 |
| 3*95 | 3.4 | 2.9 | 57.0 |
| 3*120 | 3.4 | 3.0 | 61.0 |
| 3*150 | 3.4 | 3.1 | 64.0 |
| 3*185 | 3.4 | 3.2 | 68.0 |
| 3*240 | 3.4 | 3.4 | 75.0 |
| 3*300 | 3.4 | 3.6 | 82.0 |
| 3*400 | 3.4 | 3.8 | 93.0 |

## YJV-8.7/10kV，8.7/15kV、YJLV-8.7/10kV，8.7/15kV　Table38

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 1*25 | 4.5 | 1.6 | 22.7 |
| 1*35 | 4.5 | 1.7 | 23.8 |
| 1*50 | 4.5 | 1.7 | 25.0 |
| 1*70 | 4.5 | 1.8 | 26.6 |
| 1*95 | 4.5 | 1.8 | 28.5 |

| | | | |
|---|---|---|---|
| 1*120 | 4.5 | 1.9 | 30.0 |
| 1*150 | 4.5 | 1.9 | 31.4 |
| 1*185 | 4.5 | 2.0 | 33.4 |
| 1*240 | 4.5 | 2.1 | 35.8 |
| 1*300 | 4.5 | 2.1 | 38.6 |
| 1*400 | 4.5 | 2.2 | 42.0 |
| 1*500 | 4.5 | 2.3 | 44.6 |
| 1*630 | 4.5 | 2.4 | 49.0 |

## YJV-8.7/10kV，8.7/15kV、YJLV-8.7/10kV，8.7/15kV Table39

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 3*25 | 4.5 | 2.4 | 45.4 |
| 3*35 | 4.5 | 2.5 | 47.8 |
| 3*50 | 4.5 | 2.6 | 50.7 |
| 3*70 | 4.5 | 2.7 | 54.3 |
| 3*95 | 4.5 | 2.8 | 57.6 |
| 3*120 | 4.5 | 2.9 | 61.3 |
| 3*150 | 4.5 | 3.0 | 64.6 |
| 3*185 | 4.5 | 3.1 | 68.3 |
| 3*240 | 4.5 | 3.3 | 73.5 |
| 3*300 | 4.5 | 3.5 | 80.2 |
| 3*400 | 4.5 | 3.7 | 87.0 |

## YJV62-8.7/10kV，8.7/15kV、YJLV62-8.7/10kV，8.7/15kV Table40

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 1*25 | 4.5 | 1.7 | 25.9 |
| 1*35 | 4.5 | 1.8 | 27.0 |
| 1*50 | 4.5 | 1.8 | 28.2 |
| 1*70 | 4.5 | 1.9 | 29.8 |
| 1*95 | 4.5 | 1.9 | 31.7 |
| 1*120 | 4.5 | 2.0 | 33.6 |
| 1*150 | 4.5 | 2.0 | 35.2 |
| 1*185 | 4.5 | 2.1 | 38.4 |
| 1*240 | 4.5 | 2.2 | 40.8 |
| 1*300 | 4.5 | 2.3 | 44.0 |
| 1*400 | 4.5 | 2.4 | 47.6 |
| 1*500 | 4.5 | 2.5 | 50.7 |
| 1*630 | 4.5 | 2.6 | 54.0 |

## YJV22-8.7/10kV，8.7/15kV、YJLV22-8.7/10kV，8.7/15kV Table41

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 3*25 | 4.5 | 2.5 | 50.2 |
| 3*35 | 4.5 | 2.6 | 52.6 |
| 3*50 | 4.5 | 2.7 | 55.4 |
| 3*70 | 4.5 | 2.8 | 59.3 |
| 3*95 | 4.5 | 3.0 | 63.0 |
| 3*120 | 4.5 | 3.1 | 67.0 |
| 3*150 | 4.5 | 3.2 | 70.7 |
| 3*185 | 4.5 | 3.3 | 74.3 |
| 3*240 | 4.5 | 3.5 | 79.5 |
| 3*300 | 4.5 | 3.7 | 86.8 |
| 3*400 | 4.5 | 3.9 | 95.0 |

## YJV72-8.7/10kV，8.7/15kV、YJLV72-8.7/10kV，8.7/15kV　Table42

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 1*25 | 4.5 | 1.9 | 29.0 |
| 1*35 | 4.5 | 1.9 | 30.0 |
| 1*50 | 4.5 | 1.9 | 31.0 |
| 1*70 | 4.5 | 2.0 | 33.0 |
| 1*95 | 4.5 | 2.1 | 36.0 |
| 1*120 | 4.5 | 2.1 | 37.0 |
| 1*150 | 4.5 | 2.1 | 39.0 |
| 1*185 | 4.5 | 2.2 | 40.0 |
| 1*240 | 4.5 | 2.3 | 43.0 |
| 1*300 | 4.5 | 2.3 | 47.0 |
| 1*400 | 4.5 | 2.5 | 50.0 |
| 1*500 | 4.5 | 2.6 | 53.0 |
| 1*630 | 4.5 | 2.7 | 57.0 |

## YJV32-8.7/10kV，8.7/15kV、YJLV32-8.7/10kV，8.7/15kV　Table43

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 3*25 | 4.5 | 2.6 | 54.0 |
| 3*35 | 4.5 | 2.7 | 56.0 |
| 3*50 | 4.5 | 2.8 | 59.0 |
| 3*70 | 4.5 | 2.9 | 63.0 |
| 3*95 | 4.5 | 3.1 | 67.0 |
| 3*120 | 4.5 | 3.2 | 70.0 |
| 3*150 | 4.5 | 3.3 | 75.0 |
| 3*185 | 4.5 | 3.4 | 79.0 |
| 3*240 | 4.5 | 3.6 | 85.0 |
| 3*300 | 4.5 | 3.8 | 90.0 |
| 3*400 | 4.5 | 4.0 | 97.0 |

## YJV-12/20kV、YJLV-12/20kV　Table44

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 1*25 | 5.5 | 1.7 | 24.5 |
| 1*35 | 5.5 | 1.7 | 25.6 |
| 1*50 | 5.5 | 1.8 | 26.9 |
| 1*70 | 5.5 | 1.8 | 28.5 |
| 1*95 | 5.5 | 1.9 | 30.3 |
| 1*120 | 5.5 | 1.9 | 31.8 |
| 1*150 | 5.5 | 2.0 | 33.6 |
| 1*185 | 5.5 | 2.0 | 35.2 |
| 1*240 | 5.5 | 2.1 | 37.6 |
| 1*300 | 5.5 | 2.2 | 40.8 |
| 1*400 | 5.5 | 2.3 | 44.0 |
| 1*500 | 5.5 | 2.4 | 47.2 |
| 1*630 | 5.5 | 2.5 | 51.0 |

## YJV-12/20kV、YJLV-12/20kV　Table45

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 3*25 | 5.5 | 2.6 | 49.2 |
| 3*35 | 5.5 | 2.6 | 51.8 |
| 3*50 | 5.5 | 2.7 | 54.9 |

| | | | |
|---|---|---|---|
| 3*70 | 5.5 | 2.8 | 58.4 |
| 3*95 | 5.5 | 3.0 | 62.2 |
| 3*120 | 5.5 | 3.1 | 65.6 |
| 3*150 | 5.5 | 3.2 | 69.3 |
| 3*185 | 5.5 | 3.3 | 73.2 |
| 3*240 | 5.5 | 3.5 | 78.0 |
| 3*300 | 5.5 | 3.7 | 85.0 |
| 3*400 | 5.5 | 3.8 | 92.0 |

## YJV62-12/20kV、YJLV62-12/20kV　Table46

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 1*25 | 5.5 | 1.8 | 27.3 |
| 1*35 | 5.5 | 1.9 | 28.7 |
| 1*50 | 5.5 | 1.9 | 30.0 |
| 1*70 | 5.5 | 2.0 | 32.0 |
| 1*95 | 5.5 | 2.0 | 34.2 |
| 1*120 | 5.5 | 2.1 | 35.5 |
| 1*150 | 5.5 | 2.1 | 38.6 |
| 1*185 | 5.5 | 2.2 | 40.2 |
| 1*240 | 5.5 | 2.3 | 42.4 |
| 1*300 | 5.5 | 2.4 | 46.0 |
| 1*400 | 5.5 | 2.5 | 49.3 |
| 1*500 | 5.5 | 2.6 | 52.4 |
| 1*630 | 5.5 | 2.7 | 57.0 |

## YJV22-12/20kV、YJLV22-12/20kV　Table47

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 3*25 | 5.5 | 2.7 | 54.1 |
| 3*35 | 5.5 | 2.8 | 57.2 |
| 3*50 | 5.5 | 2.9 | 60.2 |
| 3*70 | 5.5 | 3.0 | 63.7 |
| 3*95 | 5.5 | 3.1 | 67.5 |
| 3*120 | 5.5 | 3.2 | 70.9 |
| 3*150 | 5.5 | 3.3 | 74.8 |
| 3*185 | 5.5 | 3.5 | 78.5 |
| 3*240 | 5.5 | 3.7 | 85.0 |
| 3*300 | 5.5 | 3.8 | 93.0 |
| 3*400 | 5.5 | 4.1 | 99.0 |

## YJV72-12/20kV、YJLV72-12/20kV　Table48

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 1*35 | 5.5 | 1.9 | 32.0 |
| 1*50 | 5.5 | 2.0 | 33.0 |
| 1*70 | 5.5 | 2.1 | 36.0 |
| 1*95 | 5.5 | 2.1 | 37.0 |
| 1*120 | 5.5 | 2.2 | 39.0 |
| 1*150 | 5.5 | 2.2 | 40.0 |
| 1*185 | 5.5 | 2.3 | 42.0 |
| 1*240 | 5.5 | 2.3 | 44.0 |
| 1*300 | 5.5 | 2.5 | 48.0 |
| 1*400 | 5.5 | 2.6 | 51.0 |
| 1*500 | 5.5 | 2.7 | 57.0 |
| 1*630 | 5.5 | 2.8 | 60.5 |

## YJV32-12/20kV、YJLV32-12/20kV　Table49

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 3*35 | 5.5 | 2.9 | 65.0 |
| 3*50 | 5.5 | 3.0 | 68.0 |
| 3*70 | 5.5 | 3.1 | 72.0 |
| 3*95 | 5.5 | 3.2 | 76.0 |
| 3*120 | 5.5 | 3.4 | 80.0 |
| 3*150 | 5.5 | 3.5 | 83.0 |
| 3*185 | 5.5 | 3.6 | 87.0 |
| 3*240 | 5.5 | 3.8 | 94.0 |
| 3*300 | 5.5 | 3.9 | 96.0 |
| 3*400 | 5.5 | 4.2 | 102.0 |

## YJV-18/20kV、YJLV-18/20kV、 YJV-18/30kV、YJLV-18/30kV　Table50

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 1*50 | 8.0 | 2.0 | 33.0 |
| 1*70 | 8.0 | 2.0 | 34.9 |
| 1*95 | 8.0 | 2.1 | 36.5 |
| 1*120 | 8.0 | 2.1 | 38.1 |
| 1*150 | 8.0 | 2.2 | 40.1 |
| 1*185 | 8.0 | 2.2 | 41.5 |
| 1*240 | 8.0 | 2.3 | 43.7 |
| 1*300 | 8.0 | 2.4 | 46.1 |
| 1*400 | 8.0 | 2.5 | 49.4 |
| 1*500 | 8.0 | 2.6 | 52.6 |
| 1*630 | 8.0 | 2.7 | 56.0 |

## YJV62-18/20kV、YJLV62-18/20kV、YJV62-18/30kV、YJLV62-18/30kV　Table51

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 1*50 | 8.0 | 2.1 | 38.3 |
| 1*70 | 8.0 | 2.2 | 40.0 |
| 1*95 | 8.0 | 2.2 | 41.8 |
| 1*120 | 8.0 | 2.3 | 43.2 |
| 1*150 | 8.0 | 2.3 | 45.0 |
| 1*185 | 8.0 | 2.4 | 47.2 |
| 1*240 | 8.0 | 2.5 | 49.4 |
| 1*300 | 8.0 | 2.5 | 51.8 |
| 1*400 | 8.0 | 2.6 | 55.1 |
| 1*500 | 8.0 | 2.7 | 58.7 |
| 1*630 | 8.0 | 2.9 | 62.0 |

## YJV-18/20kV、YJLV-18/20kV、 YJV-18/30kV、YJLV-18/30kV　Table52

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 3*50 | 8.0 | 3.1 | 67.0 |
| 3*70 | 8.0 | 3.2 | 71.0 |
| 3*95 | 8.0 | 3.3 | 74.0 |
| 3*120 | 8.0 | 3.5 | 78.0 |
| 3*150 | 8.0 | 3.6 | 81.0 |
| 3*185 | 8.0 | 3.7 | 85.0 |
| 3*240 | 8.0 | 3.8 | 90.0 |
| 3*300 | 8.0 | 4.0 | 95.0 |
| 3*400 | 8.0 | 4.2 | 102.0 |

## YJV22-18/20kV、YJLV22-18/20kV YJV22-18/30kV、YJLV22-18/30kV Table53

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 3*50 | 8.0 | 3.3 | 73.0 |
| 3*70 | 8.0 | 3.4 | 77.0 |
| 3*95 | 8.0 | 3.5 | 81.0 |
| 3*120 | 8.0 | 3.7 | 86.0 |
| 3*150 | 8.0 | 3.8 | 89.0 |
| 3*185 | 8.0 | 3.9 | 93.0 |
| 3*240 | 8.0 | 4.1 | 98.0 |
| 3*300 | 8.0 | 4.2 | 103.0 |
| 3*400 | 8.0 | 4.5 | 110.0 |

## YJV72-18/20kV、YJLV72-18/20kV、YJV72-18/30kV、YJLV72-18/30kV Table54

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 1*50 | 8.0 | 2.2 | 39.0 |
| 1*70 | 8.0 | 2.2 | 41.0 |
| 1*95 | 8.0 | 2.3 | 43.0 |
| 1*120 | 8.0 | 2.3 | 44.0 |
| 1*150 | 8.0 | 2.4 | 47.0 |
| 1*185 | 8.0 | 2.5 | 49.0 |
| 1*240 | 8.0 | 2.6 | 51.0 |
| 1*300 | 8.0 | 2.6 | 54.0 |
| 1*400 | 8.0 | 2.8 | 57.0 |
| 1*500 | 8.0 | 2.8 | 63.0 |
| 1*630 | 8.0 | 3.0 | 65.5 |

## YJV32-18/20kV、YJLV32-18/20kV YJV32-18/30kV、YJLV32-18/30kV Table55

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 3*50 | 8.0 | 3.4 | 78.0 |
| 3*70 | 8.0 | 3.5 | 82.0 |
| 3*95 | 8.0 | 3.7 | 85.0 |
| 3*120 | 8.0 | 3.8 | 89.0 |
| 3*150 | 8.0 | 3.9 | 92.0 |
| 3*185 | 8.0 | 4.0 | 96.0 |
| 3*240 | 8.0 | 4.2 | 102.0 |
| 3*300 | 8.0 | 4.3 | 107.0 |
| 3*400 | 8.0 | 4.6 | 114.0 |

## YJV-21/35kV、YJLV-21/35kV Table56

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 1*50 | 9.3 | 2.1 | 36.4 |
| 1*70 | 9.3 | 2.1 | 38.0 |
| 1*95 | 9.3 | 2.2 | 39.8 |
| 1*120 | 9.3 | 2.2 | 41.3 |
| 1*150 | 9.3 | 2.3 | 43.1 |
| 1*185 | 9.3 | 2.3 | 44.7 |
| 1*240 | 9.3 | 2.4 | 47.1 |
| 1*300 | 9.3 | 2.5 | 49.5 |
| 1*400 | 9.3 | 2.6 | 52.8 |
| 1*500 | 9.3 | 2.7 | 56.0 |
| 1*630 | 9.3 | 2.8 | 63.0 |

## YJV62-21/35kV、YJLV62-21/35kV　　Table57

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 1*50 | 9.3 | 2.2 | 41.1 |
| 1*70 | 9.3 | 2.3 | 42.8 |
| 1*95 | 9.3 | 2.3 | 44.6 |
| 1*120 | 9.3 | 2.4 | 46.4 |
| 1*150 | 9.3 | 2.4 | 48.2 |
| 1*185 | 9.3 | 2.5 | 49.8 |
| 1*240 | 9.3 | 2.6 | 52.2 |
| 1*300 | 9.3 | 2.6 | 54.6 |
| 1*400 | 9.3 | 2.7 | 58.3 |
| 1*500 | 9.3 | 2.8 | 61.5 |
| 1*630 | 9.3 | 2.9 | 65.0 |

## YJV-21/35kV、YJLV-21/35kV　　Table58

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 3*50 | 9.3 | 3.3 | 76.0 |
| 3*70 | 9.3 | 3.4 | 80.0 |
| 3*95 | 9.3 | 3.5 | 83.0 |
| 3*120 | 9.3 | 3.6 | 87.0 |
| 3*150 | 9.3 | 3.7 | 90.0 |
| 3*185 | 9.3 | 3.8 | 94.0 |
| 3*240 | 9.3 | 4.0 | 99.0 |
| 3*300 | 9.3 | 4.1 | 104.0 |
| 3*400 | 9.3 | 4.4 | 111.0 |

## YJV22-21/35kV、YJLV22-21/35kV　　Table59

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 3*50 | 9.3 | 3.5 | 83.0 |
| 3*70 | 9.3 | 3.6 | 88.0 |
| 3*95 | 9.3 | 3.8 | 91.0 |
| 3*120 | 9.3 | 3.9 | 95.0 |
| 3*150 | 9.3 | 4.0 | 98.0 |
| 3*185 | 9.3 | 4.1 | 102.0 |
| 3*240 | 9.3 | 4.3 | 108.0 |
| 3*300 | 9.3 | 4.4 | 113.0 |
| 3*400 | 9.3 | 4.7 | 120.0 |

## YJV72-21/35kV、YJLV72-21/35kV　　Table60

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 1*50 | 9.3 | 2.3 | 44.0 |
| 1*70 | 9.3 | 2.3 | 47.0 |
| 1*95 | 9.3 | 2.4 | 49.0 |
| 1*120 | 9.3 | 2.5 | 50.0 |
| 1*150 | 9.3 | 2.5 | 52.0 |
| 1*185 | 9.3 | 2.6 | 54.0 |
| 1*240 | 9.3 | 2.7 | 56.0 |
| 1*300 | 9.3 | 2.7 | 59.0 |
| 1*400 | 9.3 | 2.8 | 62.0 |
| 1*500 | 9.3 | 2.9 | 68.0 |
| 1*630 | 9.3 | 3.1 | 72.0 |

## YJV32-21/35kV、YJLV32-21/35kV　Table61

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 3*50 | 9.3 | 3.6 | 87.0 |
| 3*70 | 9.3 | 3.7 | 91.0 |
| 3*95 | 9.3 | 3.9 | 95.0 |
| 3*120 | 9.3 | 4.0 | 98.0 |
| 3*150 | 9.3 | 4.1 | 101.0 |
| 3*185 | 9.3 | 4.2 | 105.0 |
| 3*240 | 9.3 | 4.4 | 111.0 |
| 3*300 | 9.3 | 4.5 | 113.0 |
| 3*400 | 9.3 | 4.8 | 120.0 |

## YJV-26/35kV、YJLV-26/35kV　Table62

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 1*50 | 10.5 | 2.1 | 38.4 |
| 1*70 | 10.5 | 2.2 | 40.1 |
| 1*95 | 10.5 | 2.2 | 41.9 |
| 1*120 | 10.5 | 2.3 | 43.3 |
| 1*150 | 10.5 | 2.3 | 45.1 |
| 1*185 | 10.5 | 2.4 | 46.7 |
| 1*240 | 10.5 | 2.5 | 49.1 |
| 1*300 | 10.5 | 2.5 | 51.5 |
| 1*400 | 10.5 | 2.7 | 54.8 |
| 1*500 | 10.5 | 2.7 | 59.4 |
| 1*630 | 10.5 | 2.9 | 64.0 |

## YJV62-26/35kV、YJLV62-26/35kV　Table63

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 1*50 | 10.5 | 2.3 | 43.5 |
| 1*70 | 10.5 | 2.4 | 45.4 |
| 1*95 | 10.5 | 2.4 | 47.6 |
| 1*120 | 10.5 | 2.5 | 49.0 |
| 1*150 | 10.5 | 2.5 | 50.8 |
| 1*185 | 10.5 | 2.6 | 52.4 |
| 1*240 | 10.5 | 2.6 | 54.8 |
| 1*300 | 10.5 | 2.7 | 57.6 |
| 1*400 | 10.5 | 2.8 | 60.9 |
| 1*500 | 10.5 | 2.9 | 65.2 |
| 1*630 | 10.5 | 3.0 | 70.0 |

## YJV-26/35kV、YJLV-26/35kV　Table64

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 3*50 | 10.5 | 3.5 | 81.0 |
| 3*70 | 10.5 | 3.6 | 85.0 |
| 3*95 | 10.5 | 3.7 | 89.0 |
| 3*120 | 10.5 | 3.8 | 92.0 |
| 3*150 | 10.5 | 3.9 | 96.0 |
| 3*185 | 10.5 | 4.0 | 99.0 |
| 3*240 | 10.5 | 4.2 | 105.0 |
| 3*300 | 10.5 | 4.3 | 110.0 |
| 3*400 | 10.5 | 4.6 | 116.0 |

## YJV22-26/35kV、YJLV22-26/35kV　　Table65

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 3*50 | 10.5 | 3.7 | 90.0 |
| 3*70 | 10.5 | 3.8 | 94.0 |
| 3*95 | 10.5 | 3.9 | 98.0 |
| 3*120 | 10.5 | 4.1 | 101.0 |
| 3*150 | 10.5 | 4.2 | 104.0 |
| 3*185 | 10.5 | 4.3 | 108.0 |
| 3*240 | 10.5 | 4.5 | 114.0 |
| 3*300 | 10.5 | 4.6 | 119.0 |
| 3*400 | 10.5 | 4.9 | 126.0 |

## YJV72-26/35kV、YJLV72-26/35kV　　Table66

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 1*50 | 10.5 | 2.4 | 47.0 |
| 1*70 | 10.5 | 2.5 | 49.0 |
| 1*95 | 10.5 | 2.5 | 51.0 |
| 1*120 | 10.5 | 2.6 | 52.0 |
| 1*150 | 10.5 | 2.6 | 54.0 |
| 1*185 | 10.5 | 2.7 | 56.0 |
| 1*240 | 10.5 | 2.7 | 58.0 |
| 1*300 | 10.5 | 2.8 | 61.0 |
| 1*400 | 10.5 | 2.9 | 64.0 |
| 1*500 | 10.5 | 3.0 | 70.0 |
| 1*630 | 10.5 | 3.1 | 74.0 |

## YJV32-26/35kV、YJLV32-26/35kV　　Table67

| 芯数*导体标称截面（mm²）<br>Core no. * nominal cross sectionarea of conductor | 绝缘厚度（mm）<br>Insulation thickness | 护套标称厚度（mm）<br>Sheath thickness | 电缆近似外径（mm）<br>Approximate outer diameter of cable |
|---|---|---|---|
| 3*50 | 10.5 | 3.8 | 91.0 |
| 3*70 | 10.5 | 3.9 | 95.0 |
| 3*95 | 10.5 | 4.1 | 99.0 |
| 3*120 | 10.5 | 4.2 | 103.0 |
| 3*150 | 10.5 | 4.3 | 106.0 |
| 3*185 | 10.5 | 4.4 | 110.0 |
| 3*240 | 10.5 | 4.6 | 115.0 |
| 3*300 | 10.5 | 4.7 | 120.0 |
| 3*400 | 10.5 | 5.0 | 127.0 |

*用于交流系统的单芯铠装电缆的铠装层应采用非磁性金属材料。
注：若需要电缆重量，另行提供。

The armor layer of single core armored cable used in AC system. shall be made of non-magnetic metallic material.
Note:The cable weight shall be provided separately if required.

## 七、电缆主要技术参数

## Main Technical Parameter of Cable

1、20℃时导体最大直流电阻值应满足GB/T3956标准中的规定：

The maxImum DC resistance value of conductor at 20℃ shall meet the requirement of stipulated in GB/T3956 standard.

| 导体标称截面 mm²<br>Nominal cross section area of conductor | 20℃时导体最大直流电阻 Ω/km<br>Conductor max DC resistance at 20℃ | | | 导体标称截面 mm²<br>Nominal cross section area of conductor | 20℃时导体最大直流电阻 Ω/km<br>Conductor max DC resistance at 20℃ | | |
|---|---|---|---|---|---|---|---|
| | 铜芯导体<br>Cu conductor | 镀锡导体<br>Tinned conductor | 铝芯导体<br>Al conductor | | 铜芯导体<br>Cu conductor | 镀锡导体<br>Tinned conductor | 铝芯导体<br>Al conductor |
| 1.5 | 12.1 | 12.2 | / | 95 | 0.193 | 0.195 | 0.320 |
| 2.5 | 7.41 | 7.56 | / | 120 | 0.153 | 0.154 | 0.253 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 4 | 4.61 | 4.70 | / | 150 | 0.124 | 0.126 | 0.206 |
| 6 | 3.08 | 3.11 | / | 185 | 0.0991 | 0.100 | 0.164 |
| 10 | 1.83 | 1.84 | 3.08 | 240 | 0.0754 | 0.0762 | 0.125 |
| 16 | 1.15 | 1.16 | 1.91 | 300 | 0.0601 | 0.0607 | 0.100 |
| 25 | 0.727 | 0.734 | 1.20 | 400 | 0.0470 | 0.0475 | 0.0778 |
| 35 | 0.524 | 0.529 | 0.868 | 500 | 0.0366 | 0.0369 | 0.0605 |
| 50 | 0.387 | 0.391 | 0.641 | 630 | 0.0283 | 0.0286 | 0.0469 |
| 70 | 0.268 | 0.270 | 0.443 | 800 | 0.0224 | 0.0224 | 0.0367 |

2、工频交流耐压试验；

Power Frequency AC voltage withstand test

| 额定电压 kV<br>Rated voltage kV | 0.6/1 | 1.8/3 | 3.6/6 | 6/6<br>6/10 | 8.7/10<br>8.7/15 | 12/20 | 18/20<br>18/30 | 21/35 | 26/35 |
|---|---|---|---|---|---|---|---|---|---|
| 试验电压 kV<br>Test voltage kV | 3.5 | 6.5 | 12.5 | 21 | 30.5 | 42 | 63 | 73.5 | 91 |

试验条件：环境温度下，5min。
Testing condition: under environment temperature for 5min.
试验要求：绝缘应无击穿。
Testing requirement: insulation without puncture.

3、局部放电量应在1.73$U_0$电压下测量局部放电量，其数值应不高于以下规定：

Partial discharging capacity shall be tested at the voltage of 1.73$U_0$, and its value shall be no more than that stipulated in the following table:

| 额定电压 kV<br>Rated voltage | 3.6/6 | 6/6<br>6/10 | 8.7/10<br>8.7/15 | 12/20 | 18/20 | 18/30 | 21/35 | 26/35 |
|---|---|---|---|---|---|---|---|---|
| 放电量 pC<br>Partial discharging capacity | 10 | | | | | | | |

4、90℃绝缘电阻常数不小于3.67MΩ.km；

Insulated resistance constant is no less than 3.67MΩ.km at 90℃.

5、无卤低烟阻燃性能指标：

Performance target of no halogen, low smoke and flame retardant.

| 试验项目<br>Test item | 单位<br>Unit | 性能要求<br>Performance requirement | 试验方法<br>Test method |
|---|---|---|---|
| 烟密度试验<br>Smoke density test<br>最小透光率<br>Min.light transmittance | % | 60 | GB/T17651 |
| 腐蚀性试验<br>Corrosive test<br>最小PH值<br>Min. PH value<br>电导率最大值<br>Max.conductivity | /<br>μS/mm | 4.3<br>10 | GB/T17650.2<br>(IEC60754) |
| 卤化氢气体含量<br>Hydrogen halide gas content | mg/g | ≤5 | GB/T17650.1<br>(IEC60754) |
| 成束试验<br>Bundle burning test | - | - | GB/T18380 |
| 试验级别<br>Test class | - | A、B、C | |
| 供火时间<br>Time for fire | min | 40、40、20 | |
| 每米可燃物总体积<br>Total volume of combustible per meter | L/m | 7、3.5、1.5 | |
| 炭化高度<br>Carboniaed height | m | 2.5、2.5、2.5 | |

## 6、电缆载流量（参考值） Current-loading Capacity of Cable (Reference value)

**不同土壤热阻系数的载流量修正系数**
**Current-loading capacity correcting coefficient under different heat-resistant coefficient of different soil**

| 电压 kV Voltage | 土壤热阻系数 K.m/W Soil heat-resitant coefficient | | | |
|---|---|---|---|---|
| | 0.8 | 1.0 | 1.2 | 1.5 |
| 0.6/1~6/6 | 1.08 | 1.0 | 0.95 | 0.77 |
| 6/10~8.7/15 | 1.06 | 1.0 | 0.94 | 0.78 |
| 12/20~26/35 | 1.06 | 1.0 | 0.94 | 0.80 |

**环境温度不同时（土壤中）的载流量修正系数表**
**Current-loading capacity correcting coefficient under different environment temperature (In the soil )**

| 工作温度℃ Working temperature | 环境温度（℃）（土壤中） Environment temperature(In Soil) | | | | | |
|---|---|---|---|---|---|---|
| 90℃ | 10 | 15 | 20 | 25 | 30 | 35 |
| 修正系数 Correcting coeffcient | 1.11 | 1.07 | 1.04 | 1.00 | 0.96 | 0.92 |

**环境温度不同时（空气中）的载流量修正系数表**
**Current-loading capacity correcting coefficient under different environment temperature (In the air)**

| 工作温度℃ Working temperature | 环境温度（℃）（空气中） Environment temperature(℃)（In the Air） | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 90℃ | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 |
| 修正系数 Correcting coeffcient | 1.23 | 1.17 | 1.12 | 1.06 | 1.00 | 0.94 | 0.87 | 0.81 |

## 6.1 低压交联电力电缆（0.6/1kV） Low voltage XLPE Power Cable（0.6/1kV）

**XLPE绝缘电缆载流量（空气中）**
**Current-loading capacity of XLPE insulation cable（in the air)**

| 型号 Type | YJV YJLV YJY YJLY [6] | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 电压等级 Voltage | 0.6/1kV | | | | | | | |
| 芯数 Cores | 单芯 Singe core | | | | 两芯 Two cores | | 三芯 Three cores | |
| 排列 Array | [1] | | [2] | | [3] | | [3] | |
| 截面 $mm^2$ Nominal cross-section area | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al |
| | 载流量（A） Current-loading capacity（A） | | | | | | | |
| 2.5 | 31 | 24 | 41 | 32 | 33 | 25 | 28 | 22 |
| 4 | 41 | 32 | 54 | 42 | 43 | 34 | 37 | 29 |
| 6 | 52 | 42 | 68 | 56 | 55 | 45 | 47 | 39 |
| 10 | 71 | 55 | 93 | 72 | 76 | 58 | 65 | 50 |
| 16 | 92 | 71 | 120 | 93 | 97 | 75 | 84 | 65 |
| 25 | 120 | 94 | 155 | 120 | 130 | 100 | 110 | 87 |
| 35 | 150 | 115 | 195 | 150 | 160 | 120 | 135 | 105 |
| 50 | 180 | 140 | 235 | 180 | 195 | 150 | 170 | 130 |
| 70 | 230 | 180 | 295 | 230 | 245 | 190 | 215 | 165 |
| 95 | 285 | 220 | 370 | 285 | 305 | 235 | 265 | 205 |
| 120 | 335 | 260 | 430 | 330 | 355 | 275 | 310 | 240 |
| 150 | 385 | 300 | 495 | 380 | 405 | 315 | 350 | 270 |
| 185 | 450 | 350 | 570 | 445 | 465 | 365 | 405 | 315 |
| 240 | 535 | 414 | 680 | 530 | / | / | 480 | 375 |
| 300 | 620 | 485 | 790 | 615 | / | / | 555 | 435 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 400 | 720 | 570 | 920 | 720 | / | / | 640 | 510 |
| 500 | 835 | 670 | 1080 | 850 | / | / | / | / |
| 630 | 960 | 790 | 1260 | 1000 | / | / | / | / |
| 工作温度 Working temperature | | | | 90℃ | | | | |
| 环境温度 Environment temperature | | | | 40℃ | | | | |

备注：

1）三角形排列时电缆彼此相互接触。

2）平面排列时电缆中心间距为2倍的电缆外径。

3）单根电缆分离敷设（即临近电缆对该电缆没有效应）。

4）指电缆周围环境的土壤，或者说指电缆周围土壤发生水分迁移前的土壤。

5）发生水分迁移时，当电缆周围土壤呈现干燥域时，应按该栏目下选择载流量。根据土壤类型不同土壤热阻系数大致分为：一般性土壤取2.0，沙（砂）质土壤取2.5，粘土取3.0（K.m/W）。

6）试验表明：

YJV32，YJV33，YJV42，YJV43，YJLV32，YJLV33，YJLV42，YJLV43单芯钢丝铠装电缆应按本表相应规格下的载流量70%-60%（载流量下降率随着导体截面增加呈递减趋势选取）。

Note:

1)The cables are in contact with each other when arranged in triangles.

2)When the cables are arranged in a plane, the distance between the center of the cables is twice the outer diameter of the cables

3)Separate laying of single cable (i.e. adjacent cable has no effect on the cable)

4)Refers to the soil around the cable, or refers to the soil around the cable before water migration occurs.

5)Water migration occurs. When the soil around the cable presents dry alkali, the carrying capacity should be selected under this column. According to different soil types, soil thermal resistance coefficient can be roughly divided into: general soil 2.0, sandy (sandy) soil 2.5, clay 3.0 (K.m/W).

6)The test shows that:

YJV32,YJV33,YJV42,YJV43,YJLV32,YJLV33,YJLV42,YJLV43 single core steel wire armored cable should have a capacity of 70%-60% according to the corresponding specifications in this table (the rate of capacity decline is selected in a decreasing trend with the increase of conductor cross section).

## XLPE绝缘电缆载流量（土壤中）
## Current-loading capacity of XLPE insulation cable（in the soil）

| 型号 Type | YJV YJLV YJY YJLY 6) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 电压等级 Voltage | 0.6/1kV | | | | | | | |
| 排列 Array | 三根单芯电缆呈三角形排列<br>The three single-core cables are arranged in a triangle | | | | 间距 s=1×De<br>Spacing | | 1) | |
| 土壤热阻系数（K.m/W）<br>Soil thermal resistance coefficient | 自然土壤 4)<br>Natural soil | | 土壤周围呈现干燥域 5)<br>There is dry field around the cable | | | | | |
| | 1.0 | | 2.0 | | 2.5 | | 3.0 | |
| 截面 $mm^2$<br>Nominal cross-section area | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al |
| | 载流量（A） Current-loading capacity（A） | | | | | | | |
| 2.5 | 42 | 33 | 39 | 30 | 38 | 29 | 37 | 29 |
| 4 | 55 | 43 | 50 | 39 | 49 | 38 | 48 | 37 |
| 6 | 69 | 56 | 62 | 50 | 60 | 49 | 59 | 48 |
| 10 | 92 | 71 | 82 | 63 | 80 | 61 | 78 | 60 |
| 16 | 115 | 91 | 105 | 81 | 100 | 78 | 99 | 76 |
| 25 | 150 | 115 | 135 | 105 | 130 | 100 | 125 | 98 |
| 35 | 180 | 140 | 160 | 125 | 155 | 120 | 150 | 115 |
| 50 | 215 | 165 | 190 | 145 | 180 | 140 | 175 | 135 |
| 70 | 265 | 205 | 230 | 180 | 225 | 175 | 215 | 170 |
| 95 | 320 | 245 | 275 | 215 | 265 | 205 | 260 | 200 |
| 120 | 360 | 280 | 315 | 245 | 305 | 235 | 295 | 230 |
| 150 | 410 | 315 | 355 | 275 | 340 | 265 | 330 | 255 |
| 185 | 460 | 360 | 400 | 310 | 385 | 300 | 375 | 290 |
| 240 | 535 | 420 | 460 | 360 | 445 | 345 | 430 | 335 |
| 300 | 605 | 475 | 520 | 410 | 500 | 395 | 485 | 380 |
| 400 | 685 | 545 | 590 | 470 | 570 | 450 | 550 | 435 |
| 500 | 775 | 620 | 665 | 535 | 640 | 515 | 620 | 500 |
| 630 | 865 | 705 | 745 | 605 | 715 | 585 | 695 | 565 |
| 工作温度 Working temperature | | | | 90℃ | | | | |
| 环境温度 Environment temperature | | | | 25℃ | | | | |

注1、2、3、4、5、6同4.1条0.6/1kV低压电力电缆

Note:1~6 are the same as clause 4.1 described PVC insulation and PVC sheath power cable with rated voltage 0.6/1kV.

**XLPE绝缘电缆载流量（土壤中）**
**Current-loading capacity of XLPE insulation cable（in the soil）**

| 型号 Type | YJV YJLV YJY YJLY [6] | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 电压等级 Voltage | 0.6/1kV | | | | | | | |
| 排列 Array | 三根单芯电缆呈三角形排列<br>The three single-core cables are arranged in a triangle | | | | 间距 s=2×De<br>spacing | | [2] | |
| 土壤热阻系数（K.m/W）<br>Soil thermal resistance coefficient | 自然土壤 [4]<br>Natural soil | | 土壤周围呈现干燥域 [5]<br>There is dry field around the cable | | | | | |
| | 1.0 | | 2.0 | | 2.5 | | 3.0 | |
| 截面 $mm^2$<br>Nominal cross-section area | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al |
| | 载流量（A） Current-loading capacity（A） | | | | | | | |
| 2.5 | 46 | 36 | 41 | 32 | 40 | 31 | 39 | 30 |
| 4 | 59 | 47 | 53 | 41 | 51 | 40 | 50 | 39 |
| 6 | 74 | 60 | 65 | 53 | 63 | 52 | 62 | 50 |
| 10 | 98 | 75 | 86 | 66 | 83 | 64 | 81 | 62 |
| 16 | 125 | 97 | 110 | 85 | 105 | 82 | 100 | 80 |
| 25 | 160 | 125 | 140 | 110 | 135 | 105 | 130 | 100 |
| 35 | 190 | 150 | 165 | 130 | 160 | 125 | 155 | 120 |
| 50 | 230 | 175 | 195 | 155 | 190 | 145 | 185 | 145 |
| 70 | 280 | 215 | 240 | 185 | 235 | 180 | 225 | 175 |
| 95 | 335 | 260 | 290 | 225 | 280 | 215 | 270 | 210 |
| 120 | 385 | 295 | 330 | 255 | 315 | 245 | 310 | 240 |
| 150 | 430 | 335 | 370 | 285 | 355 | 275 | 345 | 270 |
| 185 | 490 | 380 | 420 | 325 | 405 | 315 | 395 | 305 |
| 240 | 570 | 445 | 490 | 380 | 470 | 365 | 455 | 355 |
| 300 | 645 | 505 | 555 | 430 | 530 | 415 | 515 | 400 |
| 400 | 735 | 575 | 630 | 495 | 605 | 475 | 585 | 460 |
| 500 | 840 | 665 | 720 | 565 | 690 | 545 | 670 | 530 |
| 630 | 950 | 760 | 820 | 650 | 785 | 625 | 760 | 605 |
| 工作温度 Working temperature | | | | 90℃ | | | | |
| 环境温度 Environment temperature | | | | 25℃ | | | | |

注1、2、3、4、5、6同4.1条0.6/1kV低压电力电缆

Note:1~6 are the same as clause 4.1 described PVC insulation and PVC sheath power cable with rated voltage 0.6/1kV.

**XLPE绝缘电缆载流量（土壤中）**
**Current-loading capacity of XLPE insulation cable（in the soil）**

| 型号 Type | YJV YJLV YJY YJLY [6] | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 电压等级 Voltage | 0.6/1kV | | | | | | | |
| 排列 Array | 二芯 Two cores | | | | [3] | | | |
| 土壤热阻系数（K.m/W）<br>Soil thermal resistance coefficient | 自然土壤 [4]<br>Natural soil | | 土壤周围呈现干燥域 [5]<br>There is dry field around the cable | | | | | |
| | 1.0 | | 2.0 | | 2.5 | | 3.0 | |
| 截面 $mm^2$<br>Nominal cross-section area | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al |
| | 载流量（A） Current-loading capacity（A） | | | | | | | |
| 2.5 | 46 | 36 | 43 | 34 | 43 | 33 | 42 | 33 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 4 | 59 | 47 | 56 | 44 | 55 | 43 | 54 | 43 |
| 6 | 75 | 61 | 70 | 57 | 69 | 56 | 68 | 55 |
| 10 | 100 | 78 | 94 | 72 | 92 | 71 | 90 | 66 |
| 16 | 130 | 100 | 120 | 92 | 115 | 90 | 115 | 88 |
| 25 | 165 | 130 | 150 | 120 | 150 | 115 | 145 | 115 |
| 35 | 200 | 155 | 185 | 140 | 180 | 140 | 175 | 135 |
| 50 | 240 | 185 | 215 | 170 | 210 | 165 | 210 | 160 |
| 70 | 290 | 225 | 265 | 205 | 260 | 200 | 255 | 195 |
| 95 | 355 | 275 | 320 | 250 | 310 | 240 | 305 | 235 |
| 120 | 405 | 315 | 365 | 285 | 355 | 275 | 350 | 270 |
| 150 | 450 | 350 | 410 | 315 | 395 | 305 | 390 | 300 |
| 185 | 510 | 395 | 460 | 360 | 450 | 350 | 440 | 340 |
| 工作温度 Working temperature | | | | 90℃ | | | | |
| 环境温度 Environment temperature | | | | 25℃ | | | | |

注1、2、3、4、5、6同4.1条0.6/1kV低压电力电缆

Note:1~6 are the same as clause 4.1 described PVC insulation and PVC sheath power cable with rated voltage 0.6/1kV.

**XLPE绝缘电缆载流量（土壤中）**
**Current-loading capacity of XLPE insulation cable（in the soil）**

| 型号 Type | YJV YJLV YJY YJLY [6] | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 电压等级 Voltage | 0.6/1kV | | | | | | | |
| 排列 Array | 三~五芯 Three to five cores | | | | ○ [3] | | | |
| 土壤热阻系数（K.m/W）Soil thermal resistance coefficient | 自然土壤 [4] Natural soil | | 土壤周围呈现干燥域 [5] There is dry field around the cable | | | | | |
| | 1.0 | | 2.0 | | 2.5 | | 3.0 | |
| 截面 $mm^2$ Nominal cross-section area | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al |
| | 载流量（A）Current-loading capacity（A） | | | | | | | |
| 2.5 | 39 | 31 | 37 | 29 | 36 | 28 | 35 | 28 |
| 4 | 51 | 40 | 47 | 37 | 46 | 36 | 46 | 36 |
| 6 | 64 | 52 | 59 | 48 | 58 | 47 | 57 | 46 |
| 10 | 86 | 66 | 79 | 60 | 77 | 59 | 75 | 58 |
| 16 | 110 | 85 | 100 | 78 | 98 | 76 | 96 | 74 |
| 25 | 140 | 110 | 130 | 100 | 125 | 97 | 120 | 95 |
| 35 | 170 | 130 | 155 | 120 | 150 | 115 | 145 | 115 |
| 50 | 205 | 160 | 185 | 140 | 175 | 135 | 175 | 135 |
| 70 | 250 | 195 | 225 | 175 | 215 | 170 | 210 | 165 |
| 95 | 300 | 235 | 270 | 210 | 260 | 200 | 255 | 195 |
| 120 | 345 | 265 | 305 | 240 | 295 | 230 | 290 | 225 |
| 150 | 385 | 300 | 350 | 265 | 335 | 260 | 325 | 250 |
| 185 | 435 | 340 | 385 | 300 | 375 | 290 | 365 | 285 |
| 240 | 500 | 395 | 445 | 350 | 435 | 340 | 425 | 330 |
| 300 | 565 | 445 | 505 | 390 | 490 | 385 | 475 | 375 |
| 400 | 640 | 510 | 570 | 455 | 550 | 440 | 540 | 430 |
| 工作温度 Working temperature | | | | 90℃ | | | | |
| 环境温度 Environment temperature | | | | 25℃ | | | | |

注1、2、3、4、5、6同4.1条0.6/1kV低压电力电缆

Note:1~6 are the same as clause 4.1 described PVC insulation and PVC sheath power cable with rated voltage 0.6/1kV.

## 4.2 中压交联电力电缆（6kV~35kV）

Middle voltage XLPE cross-linked Power Cable（6kV~35kV）

**交联聚乙烯绝缘电缆载流量（空气中）**
**Current-loading capacity of XLPE insulation cable（In the air）**

| 型号 Type | YJV YJLV YJY YJLY [6] | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 电压等级 Voltage | 1.8/3kV~6/6kV | | | | | | | | | |
| 芯数 Cores | 单芯 Singe core | | | | | | | | 三芯 Three cores | |
| 排列 Array | [1] | | | | [2] | | | | [3] | |
| 金属屏蔽互联接地 Metal shielding is connected to ground | 一端 One end | | 二端 Two end | | 一端 One end | | 二端 Two end | | | |
| 截面 $mm^2$ Nominal cross-section area | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al |
| | 载流量（A） Current-loading capacity（A） | | | | | | | | | |
| 25 | 135 | 105 | 135 | 105 | 165 | 130 | 165 | 130 | 120 | 93 |
| 35 | 165 | 130 | 165 | 130 | 205 | 155 | 205 | 155 | 145 | 110 |
| 50 | 200 | 155 | 200 | 155 | 245 | 190 | 245 | 190 | 175 | 135 |
| 70 | 250 | 195 | 250 | 195 | 305 | 240 | 305 | 235 | 215 | 170 |
| 95 | 305 | 235 | 305 | 235 | 375 | 290 | 370 | 290 | 265 | 205 |
| 120 | 355 | 275 | 355 | 275 | 435 | 340 | 435 | 335 | 305 | 235 |
| 150 | 405 | 315 | 405 | 315 | 495 | 385 | 485 | 380 | 345 | 270 |
| 185 | 465 | 360 | 465 | 360 | 575 | 445 | 555 | 435 | 400 | 310 |
| 240 | 550 | 430 | 550 | 430 | 675 | 525 | 645 | 510 | 470 | 365 |
| 300 | 635 | 495 | 630 | 495 | 785 | 610 | 735 | 585 | 535 | 420 |
| 400 | 745 | 585 | 735 | 580 | 910 | 715 | 840 | 680 | 620 | 495 |
| 500 | 855 | 685 | 840 | 675 | 1080 | 840 | 950 | 780 | - | - |
| 630 | 980 | 800 | 960 | 785 | 1240 | 990 | 1060 | 885 | - | - |
| 800 | 1130 | 930 | 1100 | 910 | 1440 | 1160 | 1170 | 1000 | - | - |
| 工作温度 Working temperature | | | | 90℃ | | | | | | |
| 环境温度 Environment temperature | | | | 40℃ | | | | | | |

注1、2、3、4、5、6同4.1条0.6/1kV低压电力电缆

Note:1~6 are the same as clause 4.1 described PVC insulation and PVC sheath power cable with rated voltage 0.6/1kV.

**交联聚乙烯绝缘电缆载流量（空气中）**
**Current-loading capacity of XLPE insulation cable（In the air）**

| 型号 Type | YJV YJLV YJY YJLY [6] | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 电压等级 Voltage | 6/10kV~8.7/15kV | | | | | | | | | |
| 芯数 Cores | 单芯 Singe core | | | | | | | | 三芯 Three cores | |
| 排列 Array | [1] | | | | [2] | | | | [3] | |
| 金属屏蔽互联接地 Metal shieding is connected to groud | 一端 One end | | 二端 Two end | | 一端 One end | | 二端 Two end | | | |
| 截面 $mm^2$ Nominal cross-section area | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al |
| | 载流量（A） Current-loading capacity（A） | | | | | | | | | |
| 25 | 140 | 110 | 140 | 110 | 170 | 130 | 170 | 130 | 120 | 95 |
| 35 | 175 | 135 | 170 | 135 | 205 | 160 | 205 | 160 | 145 | 115 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 50 | 205 | 160 | 205 | 160 | 245 | 190 | 245 | 190 | 175 | 135 |
| 70 | 260 | 200 | 255 | 200 | 310 | 240 | 305 | 240 | 220 | 170 |
| 95 | 315 | 245 | 315 | 245 | 380 | 295 | 370 | 290 | 265 | 205 |
| 120 | 365 | 285 | 365 | 280 | 435 | 340 | 430 | 335 | 305 | 235 |
| 150 | 415 | 320 | 410 | 320 | 495 | 385 | 485 | 385 | 350 | 270 |
| 185 | 475 | 370 | 470 | 370 | 570 | 440 | 550 | 430 | 395 | 310 |
| 240 | 565 | 440 | 560 | 435 | 680 | 530 | 645 | 510 | 470 | 370 |
| 300 | 645 | 505 | 640 | 500 | 780 | 605 | 730 | 580 | 535 | 420 |
| 400 | 750 | 590 | 740 | 585 | 910 | 715 | 840 | 675 | 610 | 485 |
| 500 | 865 | 690 | 850 | 680 | 1060 | 835 | 940 | 770 | - | - |
| 630 | 990 | 800 | 960 | 785 | 1230 | 930 | 1050 | 875 | - | - |
| 800 | 1140 | 940 | 1110 | 920 | 1440 | 1160 | 1170 | 1000 | - | - |
| 工作温度 Working temperature | | | | 90℃ | | | | | | |
| 环境温度 Environment temperature | | | | 40℃ | | | | | | |

注1、2、3、4、5、6同4.1条0.6/1kV低压电力电缆

Note:1~6 are the same as clause 4.1 described PVC insulation and PVC sheath power cable with rated voltage 0.6/1kV.

**交联聚乙烯绝缘电缆载流量（空气中）**
**Current-loading capacity of XLPE insulation cable（In the air）**

| 型号 Type | YJV YJLV YJY YJLY 6) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 电压等级 Voltage | 18/20kV | | | | | | | | | |
| 芯数 Cores | 单芯 Singe core | | | | | | | | 三芯 Three cores | |
| 排列 Array | 1) | | | | 2) | | | | 3) | |
| 金属屏蔽互联接地 Metal shieding is connected to groud | 一端 One end | | 二端 Two end | | 一端 One end | | 二端 Two end | | | |
| 截面 $mm^2$ Nominal cross-section area | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al |
| | 载流量（A） Current-loading capacity（A） | | | | | | | | | |
| 25 | 145 | 110 | 145 | 110 | 170 | 130 | 170 | 130 | 120 | 96 |
| 35 | 175 | 135 | 170 | 135 | 205 | 160 | 205 | 160 | 150 | 115 |
| 50 | 210 | 160 | 210 | 160 | 245 | 190 | 245 | 190 | 175 | 135 |
| 70 | 260 | 200 | 260 | 200 | 310 | 240 | 305 | 240 | 220 | 170 |
| 95 | 320 | 245 | 320 | 245 | 380 | 295 | 370 | 290 | 265 | 205 |
| 120 | 370 | 285 | 365 | 285 | 440 | 340 | 430 | 335 | 305 | 235 |
| 150 | 420 | 325 | 415 | 325 | 500 | 385 | 485 | 380 | 350 | 270 |
| 185 | 480 | 375 | 475 | 370 | 570 | 445 | 555 | 435 | 395 | 310 |
| 240 | 565 | 440 | 560 | 440 | 675 | 525 | 645 | 510 | 465 | 365 |
| 300 | 650 | 510 | 645 | 505 | 780 | 610 | 735 | 580 | 530 | 415 |
| 400 | 755 | 595 | 745 | 590 | 910 | 710 | 835 | 675 | 615 | 485 |
| 500 | 865 | 690 | 850 | 685 | 1050 | 825 | 930 | 765 | - | - |
| 630 | 1000 | 810 | 980 | 795 | 1230 | 970 | 1050 | 880 | - | - |
| 800 | 1140 | 940 | 1110 | 920 | 1420 | 1140 | 1160 | 990 | - | - |
| 工作温度 Working temperature | | | | 90℃ | | | | | | |
| 环境温度 Environment temperature | | | | 40℃ | | | | | | |

注1、2、3、4、5、6同4.1条0.6/1kV低压电力电缆

Note:1~6 are the same as clause 4.1 described PVC insulation and PVC sheath power cable with rated voltage 0.6/1kV.

**交联聚乙烯绝缘电缆载流量（空气中） Current-loading capacity of XLPE insulation cable（In the air）**

| 型号 Type | YJV YJLV YJY YJLY [6] | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 电压等级 Voltage | 18/30kV~26/35kV | | | | | | | | | |
| 芯数 Cores | 单芯 Singe core | | | | | | | | 三芯 Three cores | |
| 排列 Array | [1] | | | | [2] | | | | [3] | |
| 金属屏蔽互联接地 Metal shieding is connected to groud | 一端 One end | | 二端 Two end | | 一端 One end | | 二端 Two end | | | |
| 截面 $mm^2$ Nominal cross-section area | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al |
| | 载流量（A） Current-loading capacity（A） | | | | | | | | | |
| 25 | 150 | 115 | 150 | 115 | 170 | 130 | 170 | 130 | 125 | 98 |
| 35 | 180 | 140 | 180 | 140 | 205 | 160 | 205 | 160 | 150 | 115 |
| 50 | 215 | 170 | 215 | 170 | 250 | 190 | 245 | 190 | 180 | 140 |
| 70 | 270 | 210 | 270 | 210 | 305 | 240 | 305 | 235 | 220 | 170 |
| 95 | 330 | 255 | 325 | 255 | 375 | 290 | 370 | 290 | 265 | 205 |
| 120 | 380 | 295 | 375 | 295 | 435 | 335 | 425 | 330 | 305 | 235 |
| 150 | 430 | 330 | 425 | 330 | 490 | 380 | 475 | 375 | 345 | 270 |
| 185 | 490 | 380 | 485 | 380 | 565 | 435 | 540 | 425 | 390 | 305 |
| 240 | 575 | 450 | 570 | 445 | 665 | 520 | 630 | 500 | 455 | 355 |
| 300 | 660 | 515 | 650 | 510 | 760 | 590 | 710 | 570 | 525 | 410 |
| 400 | 765 | 600 | 755 | 595 | 890 | 695 | 810 | 655 | 600 | 470 |
| 500 | 875 | 695 | 860 | 685 | 1030 | 810 | 910 | 750 | - | - |
| 630 | 1010 | 810 | 980 | 800 | 1200 | 950 | 1020 | 855 | - | - |
| 800 | 1150 | 940 | 1120 | 920 | 1380 | 1110 | 1130 | 960 | - | - |
| 工作温度 Working temperature | | | | 90℃ | | | | | | |
| 环境温度 Environment temperature | | | | 40℃ | | | | | | |

注1、2、3、4、5、6同4.1条0.6/1kV低压电力电缆

Note:1~6 are the same as clause 4.1 described PVC insulation and PVC sheath power cable with rated voltage 0.6/1kV.

**XLPE绝缘电缆载流量（土壤中）**
**Current-loading capacity of XLPE insulation cable（In the soil）**

| 型号 Type | YJV YJY [6] | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 土壤热阻系数（K.m/W） Soil thermal resistance coefficient | 自然土壤 Natural soil [4] | | | | | | | |
| | 1.0 | | | | | | | |
| 排列 Array | 三根单芯电缆呈三角形排列 The three single-core cables are arranged in a triangle | | | | 间距 s=1×De spacing | | [1] | |
| 电压等级 Voltage | 1.8/3kV~6/6kV | | 6/10kV~8.7/15kV | | 18/20kV | | 18/30kV~26/35kV | |
| 金属屏蔽互联接地 Metal shieding is connected to groud | 一端 One end | 二端 Two end | 一端 One end | 二端 Two end | 一端 One end | 二端 Two end | 一端 One end | 二端 Two end |
| 截面 $mm^2$ Nominal cross-section area | 铜 Cu | 铜 Cu | 铜 Cu | 铜 Cu | 铜 Cu | 铜 Cu | 铜 Cu | 铜 Cu |
| | 载流量（A） Current-loading capacity（A） | | | | | | | |
| 25 | 190 | 190 | 190 | 190 | 185 | 180 | 185 | 180 |
| 35 | 230 | 230 | 225 | 225 | 225 | 225 | 220 | 220 |
| 50 | 275 | 275 | 270 | 270 | 270 | 270 | 260 | 260 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 70 | 335 | 335 | 335 | 335 | 330 | 330 | 320 | 320 |
| 95 | 400 | 405 | 405 | 405 | 400 | 400 | 390 | 390 |
| 120 | 465 | 465 | 460 | 460 | 460 | 460 | 445 | 445 |
| 150 | 525 | 525 | 520 | 520 | 520 | 520 | 500 | 500 |
| 185 | 600 | 595 | 585 | 585 | 585 | 585 | 570 | 565 |
| 240 | 695 | 690 | 690 | 685 | 680 | 675 | 665 | 660 |
| 300 | 785 | 780 | 775 | 770 | 775 | 770 | 750 | 740 |
| 400 | 895 | 885 | 890 | 880 | 885 | 875 | 865 | 850 |
| 500 | 1010 | 1000 | 1010 | 990 | 1000 | 980 | 980 | 960 |
| 630 | 1140 | 1110 | 1130 | 1110 | 1140 | 1110 | 1110 | 1080 |
| 800 | 1270 | 1230 | 1270 | 1230 | 1270 | 1230 | 1250 | 1210 |
| 工作温度 Working temperature | | | | 90℃ | | | | |
| 环境温度 Environment temperature | | | | 25℃ | | | | |

注1、2、3、4、5、6同4.1条0.6/1kV低压电力电缆

Note:1~6 are the same as clause 4.1 described PVC insulation and PVC sheath power cable with rated voltage 0.6/1kV.

**XLPE绝缘电缆载流量（土壤中）**
**Current-loading capacity of XLPE insulation cable（In the soil）**

| 型号 Type | YJLV YJLY [6] | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 土壤热阻系数（K.m/W）Soil thermal resistance coefficient | 自然土壤 [4] Natural soil | | | | | | | |
| | 1.0 | | | | | | | |
| 排列 Array | 三根单芯电缆呈三角形排列 The three single-core cables are arranged in a triangle | | | | 间距 s=1×De spacing | | [1] | |
| 电压等级 Voltage | 1.8/3kV~6/6kV | | 6/10kV~8.7/15kV | | 18/20kV | | 18/30kV~26/35kV | |
| 金属屏蔽互联接地 Metal shieding is connected to groud | 一端 One end | 二端 Two end | 一端 One end | 二端 Two end | 一端 One end | 二端 Two end | 一端 One end | 二端 Two end |
| 截面 $mm^2$ Nominal cross-section area | 铝 Al | 铝 Al | 铝 Al | 铝 Al | 铝 Al | 铝 Al | 铝 Al | 铝 Al |
| | 载流量（A）Current-loading capacity（A） | | | | | | | |
| 25 | 145 | 145 | 145 | 145 | 145 | 145 | 140 | 140 |
| 35 | 175 | 175 | 175 | 175 | 175 | 175 | 170 | 170 |
| 50 | 210 | 210 | 210 | 210 | 210 | 210 | 200 | 200 |
| 70 | 260 | 260 | 260 | 260 | 255 | 255 | 250 | 250 |
| 95 | 315 | 315 | 315 | 310 | 310 | 310 | 300 | 300 |
| 120 | 360 | 360 | 360 | 360 | 345 | 345 | 345 | 345 |
| 150 | 410 | 410 | 405 | 400 | 400 | 400 | 395 | 385 |
| 185 | 465 | 465 | 455 | 455 | 455 | 455 | 440 | 440 |
| 240 | 540 | 540 | 535 | 530 | 530 | 530 | 515 | 515 |
| 300 | 615 | 610 | 605 | 605 | 605 | 605 | 585 | 580 |
| 400 | 705 | 700 | 705 | 690 | 700 | 690 | 680 | 670 |
| 500 | 810 | 800 | 805 | 795 | 795 | 790 | 775 | 770 |
| 630 | 920 | 910 | 920 | 900 | 920 | 900 | 895 | 880 |
| 800 | 1050 | 1020 | 1050 | 1030 | 1040 | 1020 | 1020 | 990 |
| | | | | | | | | |
| 工作温度 Working temperature | | | | 90℃ | | | | |
| 环境温度 Environment temperature | | | | 25℃ | | | | |

注1、2、3、4、5、6同4.1条0.6/1kV低压电力电缆

Note:1~6 are the same as clause 4.1 described PVC insulation and PVC sheath power cable with rated voltage 0.6/1kV.

**XLPE绝缘电缆载流量（土壤中） Current-loading capacity of XLPE insulation cable（In the soil)**

| 型号 Type | YJV YJY [6] | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 土壤热阻系数（K.m/W）Soil thermal resistance coefficient | 自然土壤 [4] Natural soil | | | | | | | |
| | 1.0 | | | | | | | |
| 排列 Array | 三根单芯电缆呈平面排列 [2] The three single-core cables are arranged in a plane | | | | 间距 s=2×De spacing | | ○○○ [2] | |
| 电压等级 Voltage | 1.8/3kV~6/6kV | | 6/10kV~8.7/15kV | | 18/20kV | | 18/30kV~26/35kV | |
| 金属屏蔽互联接地 Metal shieding is connected to groud | 一端 One end | 二端 Two end | 一端 One end | 二端 Two end | 一端 One end | 二端 Two end | 一端 One end | 二端 Two end |
| 截面 $mm^2$ Nominal cross-section area | 铜 Cu | 铜 Cu | 铜 Cu | 铜 Cu | 铜 Cu | 铜 Cu | 铜 Cu | 铜 Cu |
| | 载流量（A） Current-loading capacity（A） | | | | | | | |
| 25 | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 |
| 35 | 195 | 195 | 195 | 190 | 190 | 190 | 190 | 190 |
| 50 | 230 | 230 | 230 | 225 | 230 | 225 | 225 | 225 |
| 70 | 280 | 280 | 280 | 275 | 280 | 275 | 275 | 275 |
| 95 | 335 | 330 | 335 | 330 | 335 | 330 | 335 | 330 |
| 120 | 385 | 375 | 385 | 375 | 385 | 375 | 380 | 375 |
| 150 | 430 | 420 | 430 | 420 | 430 | 420 | 425 | 415 |
| 185 | 485 | 475 | 485 | 470 | 490 | 470 | 485 | 465 |
| 240 | 565 | 545 | 565 | 540 | 565 | 540 | 565 | 535 |
| 300 | 640 | 610 | 640 | 605 | 640 | 605 | 635 | 595 |
| 400 | 735 | 685 | 735 | 680 | 735 | 680 | 730 | 670 |
| 500 | 840 | 760 | 840 | 755 | 835 | 755 | 830 | 740 |
| 630 | 950 | 840 | 950 | 835 | 960 | 835 | 950 | 820 |
| 800 | 1080 | 910 | 1080 | 910 | 1080 | 900 | 1080 | 890 |
| 工作温度 Working temperature | 90℃ | | | | | | | |
| 环境温度 Environment temperature | 25℃ | | | | | | | |

注1、2、3、4、5、6同4.1条0.6/1kV低压电力电缆

Note:1~6 are the same as clause 4.1 described PVC insulation and PVC sheath power cable with rated voltage 0.6/1kV.

**XLPE绝缘电缆载流量（土壤中）**
**Current-loading capacity of XLPE insulation cable（In the soil)**

| 型号 Type | YJV YJLV YJY YJLY [6] | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 土壤热阻系数（K.m/W）Soil thermal resistance coefficient | 自然土壤 [4] Natural soil | | | | | | | |
| | 1.0 | | | | | | | |
| 芯数 Cores | 三芯 Three cores | | | | | | ○ [3] | |
| 电压等级 Voltage | 1.8/3kV~6/6kV | | 6/10kV~8.7/15kV | | 18/20kV | | 18/30kV~26/35kV | |
| 截面 $mm^2$ Nominal cross-section area | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al |
| | 载流量（A） Current-loading capacity（A） | | | | | | | |
| 25 | 135 | 105 | 135 | 105 | 135 | 105 | 135 | 105 |
| 35 | 165 | 125 | 165 | 125 | 160 | 125 | 160 | 125 |
| 50 | 195 | 150 | 190 | 150 | 190 | 150 | 190 | 145 |
| 70 | 240 | 185 | 240 | 185 | 235 | 185 | 230 | 180 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 95 | 290 | 225 | 285 | 220 | 285 | 220 | 275 | 215 |
| 120 | 325 | 255 | 320 | 250 | 320 | 250 | 315 | 245 |
| 150 | 370 | 285 | 365 | 280 | 365 | 285 | 355 | 275 |
| 185 | 415 | 325 | 410 | 320 | 410 | 320 | 400 | 310 |
| 240 | 485 | 380 | 480 | 375 | 475 | 370 | 460 | 360 |
| 300 | 540 | 425 | 540 | 425 | 535 | 420 | 520 | 410 |
| 400 | 620 | 490 | 610 | 485 | 605 | 480 | 590 | 465 |
| 工作温度 Working temperature | | | | 90℃ | | | | |
| 环境温度 Environment temperature | | | | 25℃ | | | | |

注1、2、3、4、5、6同4.1条0.6/1kV低压电力电缆

Note:1~6 are the same as clause 4.1 described PVC insulation and PVC sheath power cable with rated voltage 0.6/1kV.

## 4.3 多芯钢带铠装电缆载流量

Current carrying capacity of multi-core steel tape armored cable

**XLPE绝缘电缆载流量（空气中）**
**Current-loading capacity of XLPE insulation cable（In the air）**

| 型号 Type | YJV22 YJLV22 YJY22 YJLY22 [6] | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 电压等级 Voltage | 0.6/1kV | | | | 1.8/3kV~8.7/10kV | | 8.7/15kV~26/35kV | |
| 芯数 Cores | 二芯 Two cores | | 三~五芯 Three to five cores | | 三芯 Three cores | | 三芯 Three cores | |
| 排列 Array | ○ [3] | | ○ [3] | | ○ [3] | | ○ [3] | |
| 截面 $mm^2$ Nominal cross-section area | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al |
| | 载流量（A）Current-loading capacity（A） | | | | | | | |
| 10 | 75 | 58 | 64 | 50 | - | - | - | - |
| 16 | 97 | 75 | 83 | 64 | - | - | - | - |
| 25 | 125 | 100 | 110 | 86 | - | - | - | - |
| 35 | 155 | 120 | 135 | 105 | 145 | 110 | 150 | 115 |
| 50 | 190 | 145 | 165 | 125 | 170 | 130 | 180 | 140 |
| 70 | 245 | 190 | 210 | 165 | 210 | 165 | 220 | 170 |
| 95 | 300 | 235 | 260 | 200 | 265 | 200 | 265 | 205 |
| 120 | 350 | 270 | 305 | 235 | 300 | 235 | 310 | 240 |
| 150 | 400 | 310 | 345 | 270 | 340 | 265 | 350 | 270 |
| 185 | 460 | 355 | 395 | 310 | 390 | 305 | 400 | 310 |
| 240 | - | - | 465 | 365 | 455 | 355 | 465 | 360 |
| 300 | - | - | 535 | 420 | 520 | 410 | 535 | 420 |
| 400 | - | - | 620 | 495 | 600 | 475 | 615 | 485 |
| 工作温度 Working temperature | | | | 90℃ | | | | |
| 环境温度 Environment temperature | | | | 40℃ | | | | |

注1、2、3、4、5、6同4.1条0.6/1kV低压电力电缆

Note:1~6 are the same as clause 4.1 described PVC insulation and PVC sheath power cable with rated voltage 0.6/1kV.

**XLPE绝缘电缆载流量（土壤中）**
**Current-loading capacity of XLPE insulation cable（In the soil）**

| 型号 Type | YJV22 YJLV22 YJY22 YJLY22 [6] | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 土壤热阻系数（K.m/W）Soil thermal resistance coefficient | 自然土壤 [4] Natural soil | | | | | | | | | | | |
| | 1.0 | | | | | | | | | | | |
| 芯数 Cores | 二芯 Two cores | | 三~五芯 Three to five cores | | 三芯 Three cores | | 三芯 Three cores | | 三芯 Three cores | | 三芯 Three cores | |
| 电压等级 Voltage | 0.6/1kV | | | | 1.8/3~6/6kV | | 6/10~8.7/15kV | | 18/20kV | | 18/30~26/35kV | |
| 截面 $mm^2$ Nominal cross-section area | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al |
| | 载流量（A）Current-loading capacity（A） | | | | | | | | | | | |
| 2.5 | 45 | 35 | 35 | 30 | - | - | - | - | - | - | - | - |
| 4 | 59 | 47 | 50 | 40 | - | - | - | - | - | - | - | - |
| 6 | 74 | 61 | 60 | 50 | - | - | - | - | - | - | - | - |
| 10 | 100 | 77 | 85 | 65 | - | - | - | - | - | - | - | - |
| 16 | 135 | 105 | 110 | 85 | - | - | - | - | - | - | - | - |
| 25 | 165 | 130 | 140 | 110 | 140 | 105 | 135 | 105 | 135 | 105 | 135 | 105 |
| 35 | 200 | 155 | 170 | 130 | 165 | 125 | 165 | 125 | 160 | 125 | 160 | 125 |
| 50 | 240 | 185 | 200 | 155 | 195 | 150 | 190 | 150 | 190 | 150 | 190 | 145 |
| 70 | 295 | 230 | 245 | 190 | 240 | 185 | 240 | 185 | 235 | 185 | 230 | 180 |
| 95 | 355 | 275 | 300 | 230 | 285 | 220 | 285 | 220 | 285 | 220 | 275 | 215 |
| 120 | 405 | 315 | 335 | 260 | 325 | 255 | 320 | 250 | 320 | 250 | 315 | 245 |
| 150 | 455 | 355 | 380 | 295 | 370 | 285 | 365 | 280 | 365 | 285 | 355 | 275 |
| 185 | 515 | 400 | 430 | 335 | 415 | 325 | 410 | 320 | 410 | 320 | 400 | 310 |
| 240 | - | - | 500 | 390 | 480 | 375 | 480 | 375 | 475 | 370 | 460 | 360 |
| 300 | - | - | 565 | 440 | 545 | 425 | 540 | 425 | 535 | 420 | 520 | 410 |
| 400 | - | - | 650 | 505 | 615 | 485 | 610 | 485 | 605 | 480 | 590 | 465 |
| 工作温度 Working temperature | 90℃ | | | | | | | | | | | |
| 环境温度 Environment temperature | 25℃ | | | | | | | | | | | |

注1、2、3、4、5、6同4.1条0.6/1kV低压电力电缆

Note:1~6 are the same as clause 4.1 described PVC insulation and PVC sheath power cable with rated voltage 0.6/1kV.

## 4.4 非铠装电缆——空气管道中电缆载流量

Un-armored cable—Current-loading capacity in the air duct

**交联聚乙烯绝缘电缆载流量（空气管道中）**
**Current-loading capacity of XLPE insulation cable（In the air duct）**

| 型号 Type | YJV YJLV YJY YJLY [6] | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 电压等级 Voltage | 0.6/1kV | | | | | | | |
| 芯数 Cores | 单芯 One core | | | | 二芯 Two cores | | 三~五芯 Three to five cores | |
| 排列 Array | [1] | | [2] | | [3] | | [3] | |
| 截面 $mm^2$ Nominal cross-section area | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al |
| | 载流量（A）Current-loading capacity（A） | | | | | | | |
| 2.5 | 28 | 22 | 31 | 24 | 24 | 19 | 21 | 16 |
| 4 | 36 | 29 | 41 | 32 | 32 | 25 | 27 | 21 |
| 6 | 46 | 38 | 51 | 42 | 41 | 33 | 34 | 28 |
| 10 | 62 | 48 | 69 | 53 | 55 | 43 | 47 | 36 |
| 16 | 79 | 61 | 88 | 60 | 71 | 55 | 60 | 47 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 25 | 105 | 81 | 115 | 89 | 94 | 73 | 80 | 62 |
| 35 | 125 | 100 | 140 | 110 | 115 | 90 | 98 | 76 |
| 50 | 155 | 120 | 170 | 130 | 140 | 110 | 120 | 92 |
| 95 | 235 | 185 | 260 | 200 | 220 | 170 | 185 | 145 |
| 120 | 275 | 215 | 300 | 235 | 255 | 195 | 215 | 170 |
| 150 | 315 | 245 | 345 | 265 | 295 | 225 | 250 | 190 |
| 185 | 365 | 285 | 400 | 310 | 335 | 260 | 290 | 225 |
| 240 | 435 | 340 | 475 | 365 | - | - | 340 | 265 |
| 300 | 505 | 390 | 550 | 425 | - | - | 390 | 310 |
| 400 | 590 | 460 | 640 | 500 | - | - | 455 | 360 |
| 500 | 690 | 545 | 750 | 590 | - | - | - | - |
| 630 | 800 | 640 | 875 | 695 | - | - | - | - |
| 800 | 930 | 755 | 1030 | 820 | - | - | - | - |
| 工作温度 Working temperature | | | | 90℃ | | | | |
| 环境温度 Environment temperature | | | | 40℃ | | | | |

注1、2、3、4、5、6同4.1条0.6/1kV低压电力电缆

Note:1~6 are the same as clause 4.1 described PVC insulation and PVC sheath power cable with rated voltage 0.6/1kV.

**交联聚乙烯绝缘电缆载流量（空气管道中）**
**Current-loading capacity of XLPE insulation cable（In the air duct）**

| 型号 Type | YJV YJLV YJY YJLY 6) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 电压等级 Voltage | 1.8/3kV~6/6kV | | | | | | | | | |
| 芯数 Cores | 单芯 One core | | | | | | | | 三芯 Three cores | |
| 排列 Array | 1) | | | | 2) | | | | 3) | |
| 金属屏蔽互联接地 Metal shieding is connected to groud | 一端 One end | | 二端 Two end | | 一端 One end | | 二端 Two end | | | |
| 截面 $mm^2$ Nominal cross-section area | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al |
| | 载流量（A） Current-loading capacity（A） | | | | | | | | | |
| 25 | 115 | 92 | 115 | 91 | 125 | 98 | 125 | 98 | 91 | 70 |
| 35 | 140 | 110 | 140 | 110 | 150 | 115 | 150 | 115 | 110 | 85 |
| 50 | 170 | 130 | 170 | 130 | 180 | 140 | 180 | 140 | 130 | 100 |
| 70 | 210 | 165 | 210 | 160 | 225 | 175 | 220 | 175 | 160 | 125 |
| 95 | 260 | 200 | 255 | 195 | 275 | 215 | 270 | 210 | 195 | 155 |
| 120 | 295 | 230 | 290 | 225 | 315 | 245 | 305 | 240 | 225 | 175 |
| 150 | 335 | 260 | 330 | 255 | 360 | 280 | 345 | 270 | 260 | 200 |
| 185 | 385 | 295 | 375 | 295 | 415 | 320 | 390 | 310 | 295 | 230 |
| 240 | 455 | 355 | 440 | 345 | 490 | 380 | 450 | 360 | 345 | 270 |
| 300 | 525 | 410 | 505 | 400 | 565 | 440 | 505 | 410 | 395 | 310 |
| 400 | 610 | 480 | 585 | 465 | 660 | 515 | 570 | 470 | 460 | 365 |
| 500 | 710 | 560 | 665 | 540 | 765 | 600 | 630 | 530 | - | - |
| 630 | 820 | 655 | 760 | 620 | 895 | 710 | 695 | 595 | - | - |
| 800 | 950 | 770 | 855 | 715 | 1040 | 835 | 750 | 655 | - | - |
| 工作温度 Working temperature | | | | 90℃ | | | | | | |
| 环境温度 Environment temperature | | | | 40℃ | | | | | | |

注1、2、3、4、5、6同4.1条0.6/1kV低压电力电缆

Note:1~6 are the same as clause 4.1 described PVC insulation and PVC sheath power cable with rated voltage 0.6/1kV.

**交联聚乙烯绝缘电缆载流量（空气管道中）**
**Current-loading capacity of XLPE insulation cable（In the air duct）**

| 型号 Type | YJV YJLV YJY YJLY [6] | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 芯数 Cores | 单芯 One core | | | | | | | | 三芯 Three cores | |
| 排列 Array | [1] | | | | [2] | | | | [3] | |
| 金属屏蔽互联接地 Metal shieding is connected to groud | 一端 One end | | 二端 Two end | | 一端 One end | | 二端 Two end | | | |
| 截面 $mm^2$ Nominal cross-section area | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al |
| | 载流量（A） Current-loading capacity（A） | | | | | | | | | |
| 25 | 120 | 95 | 120 | 95 | 130 | 100 | 130 | 100 | 95 | 74 |
| 35 | 145 | 115 | 145 | 115 | 155 | 120 | 155 | 120 | 115 | 89 |
| 50 | 175 | 135 | 175 | 135 | 185 | 145 | 185 | 145 | 135 | 105 |
| 70 | 215 | 170 | 215 | 165 | 235 | 180 | 230 | 180 | 170 | 130 |
| 95 | 265 | 205 | 260 | 205 | 285 | 220 | 275 | 215 | 205 | 160 |
| 120 | 305 | 235 | 300 | 235 | 325 | 255 | 315 | 245 | 235 | 180 |
| 150 | 345 | 265 | 340 | 265 | 370 | 285 | 350 | 280 | 265 | 205 |
| 185 | 395 | 305 | 385 | 300 | 420 | 330 | 395 | 315 | 300 | 235 |
| 240 | 465 | 360 | 455 | 355 | 500 | 390 | 455 | 365 | 355 | 280 |
| 300 | 530 | 415 | 515 | 450 | 570 | 445 | 510 | 415 | 400 | 315 |
| 400 | 620 | 485 | 590 | 470 | 670 | 525 | 570 | 470 | 460 | 365 |
| 500 | 715 | 565 | 670 | 545 | 775 | 605 | 630 | 530 | - | - |
| 630 | 835 | 660 | 760 | 625 | 900 | 710 | 690 | 595 | - | - |
| 800 | 960 | 775 | 860 | 720 | 1050 | 840 | 750 | 655 | - | - |
| 工作温度 Working temperature | 90℃ | | | | | | | | | |
| 环境温度 Environment temperature | 40℃ | | | | | | | | | |

注1、2、3、4、5、6同4.1条0.6/1kV低压电力电缆

Note:1~6 are the same as clause 4.1 described PVC insulation and PVC sheath power cable with rated voltage 0.6/1kV.

**交联聚乙烯绝缘电缆载流量（空气管道中）**
**Current-loading capacity of XLPE insulation cable（In the air duct）**

| 型号 Type | YJV YJLV YJY YJLY [6] | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 芯数 Cores | 单芯 One core | | | | | | | | 三芯 Three cores | |
| 排列 Array | [1] | | | | [2] | | | | [3] | |
| 金属屏蔽互联接地 Metal shieding is connected to groud | 一端 One end | | 二端 Two end | | 一端 One end | | 二端 Two end | | | |
| 截面 $mm^2$ Nominal cross-section area | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al |
| | 载流量（A） Current-loading capacity（A） | | | | | | | | | |
| 25 | 125 | 97 | 125 | 96 | 130 | 100 | 130 | 100 | 97 | 75 |
| 35 | 150 | 115 | 150 | 115 | 160 | 125 | 160 | 125 | 115 | 90 |
| 50 | 175 | 135 | 175 | 135 | 190 | 145 | 190 | 145 | 135 | 105 |
| 70 | 220 | 170 | 220 | 170 | 235 | 185 | 235 | 180 | 170 | 130 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 95 | 265 | 205 | 265 | 205 | 285 | 220 | 280 | 220 | 205 | 160 |
| 120 | 310 | 240 | 305 | 235 | 330 | 255 | 315 | 250 | 235 | 185 |
| 150 | 350 | 270 | 345 | 270 | 375 | 290 | 355 | 280 | 270 | 210 |
| 185 | 400 | 310 | 390 | 305 | 430 | 335 | 400 | 320 | 305 | 235 |
| 240 | 470 | 365 | 455 | 360 | 505 | 390 | 460 | 370 | 355 | 280 |
| 300 | 540 | 420 | 520 | 410 | 580 | 450 | 515 | 415 | 405 | 320 |
| 400 | 625 | 490 | 595 | 475 | 675 | 525 | 575 | 475 | 465 | 370 |
| 500 | 720 | 570 | 680 | 545 | 780 | 610 | 630 | 535 | - | - |
| 630 | 840 | 665 | 770 | 630 | 900 | 715 | 695 | 595 | - | - |
| 800 | 970 | 780 | 865 | 725 | 1050 | 840 | 750 | 660 | - | - |
| 工作温度 Working temperature | | | | 90℃ | | | | | | |
| 环境温度 Environment temperature | | | | 40℃ | | | | | | |

注1、2、3、4、5、6同4.1条0.6/1kV低压电力电缆

Note:1~6 are the same as clause 4.1 described PVC insulation and PVC sheath power cable with rated voltage 0.6/1kV.

**交联聚乙烯绝缘电缆载流量（空气管道中）**
**Current-loading capacity of XLPE insulation cable（In the air duct）**

| 型号 Type | YJV YJLV YJY YJLY [6] | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 电压等级 Voltage | 18/30kV~26/35kV | | | | | | | | | |
| 芯数 Cores | 单芯 One core | | | | | | | | 三芯 Three cores | |
| 排列 Array | [1] | | | | [2] | | | | [3] | |
| 金属屏蔽互联接地 Metal shieding is connected to groud | 一端 One end | | 二端 Two end | | 一端 One end | | 二端 Two end | | | |
| 截面 $mm^2$ Nominal cross-section area | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al |
| | 载流量（A） Current-loading capacity（A） | | | | | | | | | |
| 25 | 130 | 100 | 130 | 100 | 140 | 110 | 140 | 105 | 100 | 80 |
| 35 | 160 | 120 | 155 | 120 | 165 | 130 | 165 | 130 | 125 | 96 |
| 50 | 190 | 145 | 185 | 145 | 200 | 155 | 195 | 150 | 145 | 115 |
| 70 | 230 | 180 | 230 | 180 | 245 | 190 | 240 | 185 | 180 | 140 |
| 95 | 280 | 220 | 280 | 215 | 300 | 230 | 290 | 225 | 215 | 165 |
| 120 | 325 | 250 | 320 | 250 | 340 | 265 | 325 | 260 | 245 | 190 |
| 150 | 365 | 280 | 355 | 280 | 385 | 300 | 365 | 290 | 275 | 215 |
| 185 | 415 | 320 | 405 | 320 | 440 | 340 | 410 | 325 | 315 | 245 |
| 240 | 490 | 380 | 475 | 370 | 520 | 400 | 465 | 375 | 365 | 285 |
| 300 | 555 | 430 | 535 | 420 | 590 | 460 | 515 | 420 | 415 | 325 |
| 400 | 645 | 505 | 610 | 490 | 685 | 535 | 580 | 480 | 470 | 375 |
| 500 | 745 | 585 | 690 | 560 | 795 | 625 | 635 | 535 | - | - |
| 630 | 855 | 680 | 780 | 640 | 920 | 725 | 690 | 595 | - | - |
| 800 | 990 | 795 | 875 | 730 | 1060 | 850 | 745 | 660 | - | - |
| 工作温度 Working temperature | | | | 90℃ | | | | | | |
| 环境温度 Environment temperature | | | | 40℃ | | | | | | |

注1、2、3、4、5、6同4.1条0.6/1kV低压电力电缆

Note:1~6 are the same as clause 4.1 described PVC insulation and PVC sheath power cable with rated voltage 0.6/1kV.

**交联聚乙烯绝缘电缆载流量（土壤管道中）**
**Current-loading capacity of XLPE insulation cable（In the soil pipe）**

| 型号 Type | YJV YJLV YJY YJLY [6] | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 土壤热阻系数（K.m/W）Soil thermal resistance coefficient | 自然土壤 [4] Natural soil | | 管道周围土壤呈现干燥域 [5] There is dry field around the cable | | | | | | 自然土壤 [4] Natural soil | | | | | |
| | 1.0 | | 2.0 | | 2.5 | | 3.0 | | 1.0 | | | | | |
| 排列 Array | [1] | | [1] | | | | | | [2] | | [3] | | [3] | |
| 芯数 Cores | 单芯 One core | | 单芯 One core | | | | | | 单芯 One core | | 二芯 Two cores | | 3~5芯 Three to five cores | |
| 截面 $mm^2$ Nominal cross-section area | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al |
| | 载流量（A）Current-loading capacity（A） | | | | | | | | | | | | | |
| 2.5 | 33 | 26 | 29 | 23 | 28 | 22 | 28 | 21 | 34 | 27 | 30 | 23 | 25 | 19 |
| 4 | 43 | 34 | 37 | 29 | 36 | 28 | 35 | 27 | 44 | 35 | 38 | 30 | 32 | 25 |
| 6 | 54 | 44 | 46 | 38 | 44 | 36 | 45 | 35 | 55 | 45 | 48 | 39 | 41 | 33 |
| 10 | 72 | 55 | 61 | 47 | 59 | 45 | 57 | 44 | 73 | 56 | 65 | 50 | 55 | 42 |
| 16 | 91 | 71 | 78 | 60 | 75 | 58 | 73 | 56 | 93 | 72 | 84 | 65 | 71 | 55 |
| 25 | 115 | 92 | 100 | 78 | 97 | 75 | 94 | 73 | 120 | 94 | 110 | 85 | 92 | 72 |
| 35 | 140 | 110 | 120 | 94 | 115 | 90 | 110 | 87 | 145 | 110 | 130 | 100 | 110 | 87 |
| 50 | 170 | 130 | 145 | 110 | 135 | 105 | 135 | 105 | 170 | 135 | 160 | 125 | 135 | 105 |
| 70 | 210 | 160 | 175 | 135 | 170 | 130 | 165 | 125 | 215 | 165 | 200 | 155 | 170 | 130 |
| 95 | 250 | 195 | 215 | 165 | 205 | 160 | 200 | 155 | 260 | 200 | 245 | 190 | 205 | 160 |
| 120 | 290 | 225 | 245 | 190 | 235 | 180 | 225 | 175 | 295 | 230 | 280 | 220 | 235 | 185 |
| 150 | 330 | 255 | 280 | 215 | 265 | 205 | 260 | 200 | 340 | 260 | 320 | 250 | 270 | 210 |
| 185 | 375 | 290 | 315 | 245 | 305 | 235 | 295 | 230 | 385 | 300 | 365 | 285 | 310 | 240 |
| 240 | 440 | 340 | 370 | 290 | 355 | 275 | 345 | 270 | 455 | 355 | - | - | 365 | 285 |
| 300 | 500 | 390 | 425 | 330 | 405 | 315 | 395 | 305 | 520 | 405 | - | - | 415 | 325 |
| 400 | 575 | 450 | 485 | 380 | 465 | 365 | 450 | 355 | 600 | 470 | - | - | 480 | 380 |
| 500 | 665 | 525 | 560 | 445 | 540 | 425 | 520 | 410 | 695 | 550 | - | - | - | - |
| 630 | 760 | 605 | 645 | 515 | 615 | 490 | 600 | 475 | 805 | 635 | - | - | - | - |
| 800 | 870 | 705 | 735 | 595 | 705 | 570 | 685 | 555 | 930 | 740 | - | - | - | - |
| 工作温度 Working temperature | 90℃ | | | | | | | | | | | | | |
| 环境温度 Environment temperature | 25℃ | | | | | | | | | | | | | |

注1、2、3、4、5、6同4.1条0.6/1kV低压电力电缆

Note:1~6 are the same as clause 4.1 described PVC insulation and PVC sheath power cable with rated voltage 0.6/1kV.

**交联聚乙烯绝缘电缆载流量（土壤管道中）**
**Current-loading capacity of XLPE insulation cable（In the soil pipe）**

| 型号 Type | YJV YJLV YJY YJLY [6] | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 电压等级 Voltage | 1.8/3kV~6/6kV | | | | | | | | | |
| 土壤热阻系数（K.m/W）Soil thermal resistance coefficient | 自然土壤 [4] Natural soil | | | | | | | | | |
| | 1.0 | | | | | | | | | |
| 芯数 Cores | 单芯 One core | | | | | | | | 三芯 Three cores | |
| 排列 Array | [1] | | | | [2] | | | | [3] | |
| 金属屏蔽互联接地 Metal shieding is connected to groud | 一端 One end | | 二端 Two end | | 一端 One end | | 二端 Two end | | | |
| 截面 $mm^2$ Nominal cross-section area | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al |
| | 载流量（A） Current-loading capacity（A） | | | | | | | | | |
| 25 | 140 | 110 | 140 | 110 | 130 | 100 | 130 | 100 | 100 | 79 |
| 35 | 170 | 130 | 165 | 130 | 155 | 120 | 155 | 120 | 120 | 94 |
| 50 | 200 | 155 | 200 | 155 | 185 | 140 | 180 | 140 | 145 | 110 |
| 70 | 245 | 190 | 245 | 190 | 225 | 175 | 220 | 175 | 180 | 140 |
| 95 | 300 | 230 | 295 | 230 | 270 | 210 | 265 | 205 | 215 | 165 |
| 120 | 340 | 265 | 340 | 265 | 310 | 240 | 305 | 235 | 245 | 190 |
| 150 | 390 | 300 | 380 | 300 | 350 | 270 | 340 | 265 | 280 | 215 |
| 185 | 440 | 345 | 435 | 340 | 400 | 310 | 380 | 300 | 315 | 245 |
| 240 | 520 | 405 | 505 | 395 | 465 | 365 | 440 | 350 | 370 | 290 |
| 300 | 595 | 460 | 575 | 450 | 535 | 415 | 495 | 395 | 420 | 330 |
| 400 | 685 | 535 | 655 | 520 | 615 | 480 | 555 | 450 | 480 | 385 |
| 500 | 790 | 620 | 740 | 600 | 710 | 560 | 620 | 510 | - | - |
| 630 | 900 | 720 | 830 | 680 | 815 | 645 | 680 | 570 | - | - |
| 800 | 1030 | 835 | 920 | 775 | 940 | 750 | 735 | 635 | - | - |
| 工作温度 Working temperature | 90℃ | | | | | | | | | |
| 环境温度 Environment temperature | 25℃ | | | | | | | | | |

注1、2、3、4、5、6同4.1条0.6/1kV低压电力电缆

Note:1~6 are the same as clause 4.1 described PVC insulation and PVC sheath power cable with rated voltage 0.6/1kV.

**交联聚乙烯绝缘电缆载流量（土壤管道中）**
**Current-loading capacity of XLPE insulation cable（In the soil pipe）**

| 型号 Type | YJV YJLV YJY YJLY [6] | | | |
|---|---|---|---|---|
| 电压等级 Voltage | 6/10kV~8.7/15kV | | | |
| 土壤热阻系数（K.m/W）Soil thermal resistance coefficient | 自然土壤 [4] Natural soil | | | |
| | 1.0 | | | |
| 芯数 Cores | 单芯 One core | | | 三芯 Three cores |
| 排列 Array | [1] | | [2] | [3] |
| 金属屏蔽互联接地 Metal shieding is connected to groud | 一端 One end | 二端 Two end | 一端 One end | 二端 Two end |

| 截面 mm² Nominal cross-section area | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al |
|---|---|---|---|---|---|---|---|---|---|---|
| | 载流量（A） Current-loading capacity（A） | | | | | | | | | |
| 25 | 145 | 110 | 140 | 110 | 130 | 100 | 130 | 100 | 105 | 81 |
| 35 | 170 | 135 | 170 | 135 | 160 | 120 | 155 | 120 | 125 | 97 |
| 50 | 205 | 160 | 205 | 160 | 185 | 145 | 185 | 145 | 150 | 115 |
| 70 | 250 | 195 | 250 | 195 | 230 | 180 | 225 | 175 | 185 | 140 |
| 95 | 305 | 235 | 300 | 235 | 275 | 215 | 270 | 210 | 220 | 170 |
| 120 | 350 | 270 | 345 | 270 | 315 | 245 | 310 | 240 | 250 | 195 |
| 150 | 395 | 305 | 390 | 300 | 355 | 275 | 345 | 270 | 285 | 220 |
| 185 | 450 | 350 | 440 | 345 | 405 | 315 | 390 | 305 | 320 | 250 |
| 240 | 525 | 410 | 510 | 405 | 475 | 370 | 445 | 355 | 375 | 295 |
| 300 | 600 | 465 | 575 | 455 | 540 | 420 | 495 | 400 | 425 | 335 |
| 400 | 690 | 540 | 660 | 525 | 625 | 485 | 560 | 455 | 485 | 385 |
| 500 | 795 | 625 | 745 | 600 | 715 | 565 | 620 | 510 | - | - |
| 630 | 910 | 725 | 835 | 685 | 825 | 650 | 680 | 575 | - | - |
| 800 | 1040 | 840 | 930 | 780 | 950 | 755 | 740 | 635 | - | - |
| 工作温度 Working temperature | 90℃ | | | | | | | | | |
| 环境温度 Environment temperature | 25℃ | | | | | | | | | |

注1、2、3、4、5、6同4.1条0.6/1kV低压电力电缆

Note:1~6 are the same as clause 4.1 described PVC insulation and PVC sheath power cable with rated voltage 0.6/1kV.

**交联聚乙烯绝缘电缆载流量（土壤管道中）**
**Current-loading capacity of XLPE insulation cable（In the soil pipe）**

| 型号 Type | YJV YJLV YJY YJLY 6) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 电压等级 Voltage | 6/10kV~8.7/15kV | | | | | | | | | |
| 土壤热阻系数（K.m/W） Soil thermal resistance coefficient | 自然土壤 4) Natural soil | | | | | | | | | |
| | 1.0 | | | | | | | | | |
| 芯数 Cores | 单芯 One core | | | | | | | | 三芯 Three cores | |
| 排列 Array | 1) | | | | 2) | | | | 3) | |
| 金属屏蔽互联接地 Metal shieding is connected to groud | 一端 One end | | 二端 Two end | | 一端 One end | | 二端 Two end | | | |
| 截面 mm² Nominal cross-section area | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al |
| | 载流量（A） Current-loading capacity（A） | | | | | | | | | |
| 25 | 145 | 110 | 140 | 110 | 130 | 100 | 130 | 100 | 105 | 81 |
| 35 | 170 | 135 | 170 | 135 | 160 | 120 | 155 | 120 | 125 | 97 |
| 50 | 205 | 160 | 205 | 160 | 185 | 145 | 185 | 145 | 150 | 115 |
| 70 | 250 | 195 | 250 | 195 | 230 | 180 | 225 | 175 | 185 | 140 |
| 95 | 305 | 235 | 300 | 235 | 275 | 215 | 270 | 210 | 220 | 170 |
| 120 | 350 | 270 | 345 | 270 | 315 | 245 | 310 | 240 | 250 | 195 |
| 150 | 395 | 305 | 390 | 300 | 355 | 275 | 345 | 270 | 285 | 220 |
| 185 | 450 | 350 | 440 | 345 | 405 | 315 | 390 | 305 | 320 | 250 |
| 240 | 525 | 410 | 510 | 405 | 475 | 370 | 445 | 355 | 375 | 295 |
| 300 | 600 | 465 | 575 | 455 | 540 | 420 | 495 | 400 | 425 | 335 |
| 400 | 690 | 540 | 660 | 525 | 625 | 485 | 560 | 455 | 485 | 385 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 500 | 795 | 625 | 745 | 600 | 715 | 565 | 620 | 510 | - | - |
| 630 | 910 | 725 | 835 | 685 | 825 | 650 | 680 | 575 | - | - |
| 800 | 1040 | 840 | 930 | 780 | 950 | 755 | 740 | 635 | - | - |
| 工作温度 Working temperature | | | 90℃ | | | | | | | |
| 环境温度 Environment temperature | | | 25℃ | | | | | | | |

注1、2、3、4、5、6同4.1条0.6/1kV低压电力电缆

Note:1~6 are the same as clause 4.1 described PVC insulation and PVC sheath power cable with rated voltage 0.6/1kV.

**交联聚乙烯绝缘电缆载流量（土壤管道中）**
**Current-loading capacity of XLPE insulation cable（In the soil pipe）**

| 型号 Type | YJV YJLV YJY YJLY [6] | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 电压等级 Voltage | 18/20kV | | | | | | | | | |
| 土壤热阻系数（K.m/W）Soil thermal resistance coefficient | 自然土壤 [4] Natural soil | | | | | | | | | |
| | 1.0 | | | | | | | | | |
| 芯数 Cores | 单芯 One core | | | | | | | | 三芯 Three cores | |
| 排列 Array | [1] | | | | [2] | | | | [3] | |
| 金属屏蔽互联接地 Metal shieding is connected to groud | 一端 One end | | 二端 Two end | | 一端 One end | | 二端 Two end | | | |
| 截面 $mm^2$ Nominal cross-section area | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al |
| | 载流量（A）Current-loading capacity（A） | | | | | | | | | |
| 25 | 145 | 110 | 145 | 110 | 135 | 105 | 130 | 105 | 105 | 82 |
| 35 | 175 | 135 | 175 | 135 | 160 | 125 | 160 | 125 | 125 | 99 |
| 50 | 205 | 160 | 205 | 160 | 190 | 145 | 185 | 145 | 150 | 115 |
| 70 | 255 | 195 | 255 | 195 | 230 | 180 | 230 | 180 | 185 | 145 |
| 95 | 305 | 240 | 305 | 235 | 280 | 215 | 275 | 215 | 220 | 170 |
| 120 | 350 | 275 | 350 | 270 | 320 | 250 | 315 | 245 | 255 | 195 |
| 150 | 400 | 310 | 390 | 305 | 360 | 280 | 350 | 275 | 285 | 225 |
| 185 | 455 | 350 | 445 | 345 | 410 | 320 | 390 | 310 | 325 | 250 |
| 240 | 530 | 410 | 515 | 405 | 480 | 370 | 450 | 355 | 375 | 295 |
| 300 | 605 | 470 | 585 | 460 | 545 | 425 | 500 | 400 | 425 | 335 |
| 400 | 695 | 545 | 660 | 525 | 625 | 490 | 560 | 455 | 485 | 385 |
| 500 | 795 | 630 | 745 | 600 | 720 | 565 | 620 | 510 | - | - |
| 630 | 910 | 730 | 840 | 690 | 830 | 655 | 680 | 575 | - | - |
| 800 | 1050 | 845 | 930 | 780 | 950 | 760 | 735 | 635 | - | - |
| 工作温度 Working temperature | 90℃ | | | | | | | | | |
| 环境温度 Environment temperature | 25℃ | | | | | | | | | |

注1、2、3、4、5、6同4.1条0.6/1kV低压电力电缆

Note:1~6 are the same as clause 4.1 described PVC insulation and PVC sheath power cable with rated voltage 0.6/1kV.

**交联聚乙烯绝缘电缆载流量（土壤管道中）**
**Current-loading capacity of XLPE insulation cable（In the soil pipe）**

| 型号 Type | YJV YJLV YJY YJLY [6] | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 电压等级 Voltage | 18/30kV~26/35kV | | | | | | | | | |
| 土壤热阻系数（K.m/W）Soil thermal resistance coefficient | 自然土壤 [4] Natural soil | | | | | | | | | |
| | 1.0 | | | | | | | | | |
| 芯数 Cores | 单芯 One core | | | | | | | | 三芯 Three cores | |
| 排列 Array | [1] | | | | [2] | | | | [3] | |
| 金属屏蔽互联接地 Metal shieding is connected to groud | 一端 One end | | 二端 Two end | | 一端 One end | | 二端 Two end | | | |
| 截面 $mm^2$ Nominal cross-section area | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al | 铜 Cu | 铝 Al |
| | 载流量（A） Current-loading capacity（A） | | | | | | | | | |
| 25 | 150 | 115 | 150 | 115 | 140 | 105 | 140 | 105 | 110 | 87 |
| 35 | 180 | 140 | 180 | 140 | 165 | 130 | 165 | 130 | 135 | 105 |
| 50 | 215 | 165 | 210 | 165 | 195 | 150 | 195 | 150 | 155 | 120 |
| 70 | 260 | 205 | 260 | 200 | 240 | 185 | 235 | 185 | 190 | 150 |
| 95 | 315 | 245 | 315 | 245 | 290 | 225 | 280 | 220 | 230 | 180 |
| 120 | 360 | 280 | 355 | 280 | 330 | 255 | 320 | 250 | 260 | 205 |
| 150 | 405 | 315 | 400 | 310 | 370 | 285 | 355 | 280 | 295 | 230 |
| 185 | 460 | 360 | 450 | 355 | 420 | 325 | 400 | 315 | 330 | 255 |
| 240 | 540 | 420 | 520 | 410 | 490 | 380 | 455 | 365 | 380 | 300 |
| 300 | 615 | 475 | 590 | 465 | 560 | 435 | 505 | 405 | 435 | 340 |
| 400 | 705 | 555 | 670 | 535 | 640 | 500 | 565 | 460 | 490 | 390 |
| 500 | 810 | 640 | 750 | 610 | 735 | 580 | 620 | 520 | - | - |
| 630 | 930 | 735 | 840 | 690 | 845 | 665 | 680 | 590 | - | - |
| 800 | 1060 | 845 | 930 | 780 | 960 | 770 | 735 | 660 | - | - |
| 工作温度 Working temperature | 90℃ | | | | | | | | | |
| 环境温度 Environment temperature | 25℃ | | | | | | | | | |

注1、2、3、4、5、6同4.1条0.6/1kV低压电力电缆

Note:1~6 are the same as clause 4.1 described PVC insulation and PVC sheath power cable with rated voltage 0.6/1kV.