**电线电缆载流量表（全）**

|  |
| --- |
| **8.7/10(8.7/15)KV交联聚乙烯绝缘电力电缆允许持续载流量** |
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 额定电压U。/U | | 8.7/10(8.7/15)KV | | | | | | | | | | | | | 型号 | | YJV、YJLV、YJY、YJLY、YJV22、YJLV22、YJV23、YJLV23、JYV32,YJLV32、YJV33、YJLV33 | | | | YJV、YJLV、YJY、YJLY | | | | | | | | | 芯数 | | 三芯 | | | | 单芯 | | | | | | | | | 敷设 | | 空气中 | | 土壤中 | | 空气中 | | | | 土壤中 | | | | | 单芯电缆 排列方式 | |  | |  | |  | |  | | | 导体材质 | | 铜 | 铝 | 铜 | 铝 | 铜 | 铝 | 铜 | 铝 | 铜 | 铝 | 铜 | 铝 | | 标 称 截 面 (mm2) | 25 35 | 120 140 | 90 110 | 125 155 | 100 120 | 140 170 | 110 135 | 165 205 | 130 155 | 150 180 | 115 135 | 160 190 | 120 145 | | 50 70 | 165 210 | 130 165 | 180 220 | 140 170 | 205 260 | 160 200 | 245 305 | 190 235 | 215 265 | 160 200 | 225 275 | 175 215 | | 95 120 | 255 290 | 200 225 | 265 300 | 210 235 | 315 360 | 240 280 | 370 430 | 290 335 | 315 360 | 240 270 | 330 375 | 255 290 | | 150 185 | 330 375 | 225 295 | 340 380 | 260 300 | 410 470 | 320 365 | 490 560 | 380 435 | 405 455 | 305 345 | 425 480 | 330 370 | | 240 300 | 435 495 | 345 390 | 445 500 | 350 395 | 555 640 | 435 500 | 665 765 | 515 595 | 530 595 | 400 455 | 555 630 | 435 490 | | 400 500 | 565 ... | 450 ... | 520 ... | 450 ... | 745 855 | 585 680 | 890 1030 | 695 810 | 680 765 | 520 595 | 725 825 | 565 650 | | 环境温度 (℃) | | 40 | | 25 | | 40 | | | | 25 | | | | | |

|  |
| --- |
| **26/35KV交联聚乙烯绝缘电力电缆允许持续载流量** |
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 额定电压U。/U | | 26/35KV | | | | | | | | | | | | | 型号 | | YJV、YJLV、YJY、YJLY、YJV22、YJLV22、YJV23、YJLV23、JYV32,YJLV32、YJV33、YJLV33 | | | | YJV、YJLV、YJY、YJLY | | | | | | | | | 芯数 | | 三芯 | | | | 单芯 | | | | | | | | | 敷设 | | 空气中 | | 土壤中 | | 空气中 | | | | 土壤中 | | | | | 单芯电缆 排列方式 | |  | |  | |  | |  | | | 导芯材质 | | 铜 | 铝 | 铜 | 铝 | 铜 | 铝 | 铜 | 铝 | 铜 | 铝 | 铜 | 铝 | | 标 称 截 面 (mm2) | 50 70 | 185 230 | 145 190 | 200 250 | 170 190 | 220 270 | 170 210 | 245 305 | 190 235 | 215 265 | 165 200 | 225 275 | 175 215 | | 95 120 | 280 310 | 215 240 | 300 330 | 230 255 | 330 375 | 255 290 | 370 425 | 285 330 | 315 360 | 240 270 | 330 375 | 255 290 | | 150 185 | 360 400 | 280 310 | 380 425 | 295 330 | 425 485 | 330 380 | 485 555 | 375 430 | 400 455 | 305 345 | 420 475 | 325 370 | | 240 300 | 470 540 | 365 430 | 490 555 | 380 435 | 560 650 | 435 510 | 650 745 | 505 580 | 525 595 | 400 455 | 555 630 | 430 490 | | 400 500 | 610 ... | 485 ... | 625 ... | 500 ... | 760 875 | 595 690 | 870 1000 | 680 790 | 680 775 | 525 600 | 720 825 | 565 645 | | 600 | ... | ... | ... | ... | 1000 | 800 | 1160 | 920 | 875 | 685 | 940 | 740 | | 环境温度 (℃) | | 40 | | 25 | | 40 | | | | 25 | | | | | |

BVR电线

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 导 线 面 积   mm2 | 空 气 敷 设 长 期 允 许 载 流 量 A | | | |
| 橡 皮 绝 缘 电 线 | | 聚 氯 乙 烯 绝 缘 电 线 | |
| 铜 芯 BXF、BXFR | 铝 芯 BLXF | 铜 芯 BV、BVR | 铝 芯 BLV |
| 0.75 | 18 |  | 16 |  |
| 1.0 | 21 |  | 19 |  |
| 1.5 | 27 | 19 | 24 | 18 |
| 2.5 | 33 | 27 | 32 | 25 |
| 4 | 45 | 35 | 42 | 32 |
| 6 | 58 | 45 | 55 | 42 |
| 10 | 85 | 65 | 75 | 59 |
| 16 | 110 | 85 | 105 | 80 |
| 25 | 145 | 110 | 138 | 105 |
| 35 | 180 | 138 | 170 | 130 |
| 50 | 230 | 175 | 215 | 165 |
| 70 | 285 | 220 | 265 | 205 |
| 95 | 345 | 265 | 325 | 250 |
| 120 | 400 | 310 | 375 | 285 |
| 150 | 470 | 360 | 430 | 325 |
| 185 | 540 | 420 | 490 | 380 |
| 240 | 660 | 510 |  |  |
| 300 | 770 | 600 |  |  |
| 400 | 940 | 730 |  |  |
| 500 | 1100 | 850 |  |  |
| 630 | 1250 | 980 |  |  |

**YJV,YJLV电缆载流量表**：

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **铜电线型号** | **单心载流量**  **(25。C)(A)** | | **电压降mv/M** | **品字型电压降mv/M** | **紧挨一字型电压降mv/M** | **间距一字型电压降mv/M** | **两心载流量(25。C)(A)** | | **电压降mv/M** | **三心载流量(25。C)(A)** | | **电压降mv/M** | **四心载流量(25。C(A)** | | **电压降mv/M** |
|  |  |  |  |  | **0.95** | **0.85** | **0.7** |  |  |  |  |  |  |  |  |  |
|  |  | **VV** | **YJV** |  |  |  |  | **VV** | **YJV** |  | **VV** | **YJV** |  | **VV** | **YJV** |  |
| **1** | **1.5mm 2 /c** | **20** | **25** | **30.86** | **26.73** | **26.73** | **26.73** | **16** | **16** |  | **13** | **18** | **30.86** | **13** | **13** | **30.86** |
| **2** | **2.5mm 2 /c** | **28** | **35** | **18.9** | **18.9** | **18.9** | **18.9** | **23** | **35** | **18.9** | **18** | **22** | **18.9** | **18** | **30** | **18.9** |
| **3** | **4mm 2 /c** | **38** | **50** | **11.76** | **11.76** | **11.76** | **11.76** | **34** | **38** | **11.76** | **23** | **34** | **11.76** | **28** | **40** | **11.76** |
| **4** | **6mm 2 /c** | **48** | **60** | **7.86** | **7.86** | **7.86** | **7.86** | **40** | **55** | **7.86** | **32** | **40** | **7.86** | **35** | **55** | **7.86** |
| **5** | **10mm 2 /c** | **65** | **85** | **4.67** | **4.04** | **4.04** | **4.05** | **55** | **75** | **4.67** | **45** | **55** | **4.67** | **48** | **80** | **4.67** |
| **6** | **16mm 2 /c** | **90** | **110** | **2.95** | **2.55** | **2.56** | **2.55** | **70** | **108** | **2.9** | **60** | **75** | **2.6** | **65** | **65** | **2.6** |
| **7** | **25mm 2 /c** | **115** | **150** | **1.87** | **1.62** | **1.62** | **1.63** | **100** | **140** | **1.9** | **80** | **100** | **1.6** | **86** | **105** | **1.6** |
| **8** | **35mm 2 /c** | **145** | **180** | **1.35** | **1.17** | **1.17** | **1.19** | **125** | **175** | **1.3** | **105** | **130** | **1.2** | **108** | **130** | **1.2** |
| **9** | **50mm 2 /c** | **170** | **230** | **1.01** | **0.87** | **0.88** | **0.9** | **145** | **210** | **1** | **130** | **160** | **0.87** | **138** | **165** | **0.87** |
| **10** | **70mm 2 /c** | **220** | **285** | **0.71** | **0.61** | **0.62** | **0.65** | **190** | **265** | **0.7** | **165** | **210** | **0.61** | **175** | **210** | **0.61** |
| **11** | **95mm 2 /c** | **260** | **350** | **0.52** | **0.45** | **0.45** | **0.5** | **230** | **330** | **0.52** | **200** | **260** | **0.45** | **220** | **260** | **0.45** |
| **12** | **120mm 2 /c** | **300** | **410** | **0.43** | **0.37** | **0.38** | **0.42** | **270** | **410** | **0.42** | **235** | **300** | **0.36** | **255** | **300** | **0.36** |
| **13** | **150mm 2 /c** | **350** | **480** | **0.36** | **0.32** | **0.33** | **0.37** | **310** | **470** | **0.35** | **275** | **350** | **0.3** | **340** | **360** | **0.3** |
| **14** | **185mm 2 /c** | **410** | **540** | **0.3** | **0.26** | **0.28** | **0.33** | **360** | **570** | **0.29** | **320** | **410** | **0.25** | **400** | **415** | **0.25** |
| **15** | **240mm 2 /c** | **480** | **640** | **0.25** | **0.22** | **0.24** | **0.29** | **430** | **650** | **0.24** | **390** | **485** | **0.21** | **470** | **495** | **0.21** |
| **16** | **300mm 2 /c** | **560** | **740** | **0.22** | **0.2** | **0.21** | **0.28** | **500** | **700** | **0.21** | **450** | **560** | **0.19** | **500** | **580** | **0.19** |
| **17** | **400mm 2 /c** | **650** | **880** | **0.2** | **0.17** | **0.2** | **0.26** | **600** | **820** | **0.19** |  |  |  |  |  |  |
| **18** | **500mm 2 /c** | **750** | **1000** | **0.19** | **0.16** | **0.18** | **0.25** |  |  |  |  |  |  |  |  |  |
| **19** | **630mm 2 /c** | **880** | **1100** | **0.18** | **0.15** | **0.17** | **0.25** |  |  |  |  |  |  |  |  |  |
| **20** | **800mm 2 /c** | **1100** | **1300** | **0.17** | **0.15** | **0.17** | **0.24** |  |  |  |  |  |  |  |  |  |
| **21** | **1000mm 2 /c** | **1300** | **1400** | **0.16** | **0.14** | **0.16** | **0.24** |  |  |  |  |  |  |  |  |  |

**BXF铜芯氯丁橡皮电线**，**BLXF铝芯氯丁橡皮电线载流量表：**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 导体标称截面 （m㎡） | 导电线芯 | 电缆外径 mm | 20℃时导体电阻≤Ω/km | |
| 根/单线直径mm | 铜 | 铝 |
| 0.75 | 1/0.97 | 3.9 | 24.5 | - |
| 1.0 | 1/1.13 | 4.1 | 18.1 | - |
| 1.5 | 1/1.38 | 4.4 | 12.1 | - |
| 2.5 | 1/1.78 | 5.0 | 7.41 | 11.8 |
| 4 | 1/2.25 | 5.6 | 4.61 | 7.39 |
| 6 | 1/2.76 | 6.8 | 3.08 | 4.91 |
| 10 | 7/1.35 | 8.3 | 1.83 | 3.08 |
| 16 | 7/1.70 | 10.1 | 1.15 | 1.91 |
| 25 | 7/2.14 | 11.8 | 0.727 | 1.20 |
| 35 | 7/2.52 | 13.8 | 0.524 | 0.868 |
| 50 | 19/1.78 | 15.4 | 0.387 | 0.641 |
| 70 | 19/2.14 | 18.2 | 0.263 | 0.443 |
| 95 | 19/2.52 | 20.6 | 0.193 | 0.320 |
| 120 | 37/2.03 | 23.0 | 0.153 | 0.253 |
| 150 | 37/2.25 | 25.0 | 0.124 | 0.206 |
| 185 | 37/2.52 | 27.9 | 0.0991 | 0.164 |
| 240 | 61/2.25 | 31.4 | 0.0754 | 0.125 |

**BXR铜芯橡皮软电线载流量表**：

|  |  |  |  |
| --- | --- | --- | --- |
| 导体标称截面 （m㎡） | 导电线芯 | 电缆外径参考 mm | 20℃时导体电阻≤Ω/km |
| 根/单线直径mm |  |
| 0.75 | 7/0.37 | 4.5 | 24.5 |
| 1.0 | 7/0.43 | 4.7 | 18.1 |
| 1.5 | 7/0.52 | 5.0 | 12.1 |
| 2.5 | 19/0.41 | 5.6 | 7.41 |
| 4 | 19/0.52 | 6.2 | 4.61 |
| 6 | 19/0.64 | 6.8 | 3.08 |
| 10 | 49/0.52 | 8.9 | 1.83 |
| 16 | 49/0.64 | 10.1 | 1.15 |
| 25 | 98/0.58 | 12.6 | 0.727 |
| 35 | 133/0.58 | 13.8 | 0.524 |
| 50 | 133/0.68 | 15.8 | 0.387 |
| 70 | 189/0.68 | 18.4 | 0.263 |
| 95 | 259/0.68 | 20.8 | 0.193 |
| 120 | 259/0.76 | 21.6 | 0.153 |
| 150 | 336/0.74 | 25.9 | 0.124 |
| 185 | 427/0.74 | 26.6 | 0.0991 |
| 240 | 427/0.85 | 30.2 | 0.0754 |

**矿用交联电力**[**电缆**](http://www.6xv1830.net)**载流量表：**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 型号 | 芯数 | 额定电压(KV) | | | |
| 0.6/1 | 1.8/3 | 3.6/6、6/6 | 6/10、8.7/10 |
| 标称截面（mm2) | | | |
| MYJV | 3 | 1.5～300 | 10～300 | 25～300 | 25～300 |
| MYJV22 | 3 | 4～300 | 10～300 | 25～300 | 25～300 |
| MYJV32 | 3 | 4～300 | 10～300 | 25～300 | 25～300 |
| MYJV42 | 3 | 4～300 | 10～300 | 25～300 | 25～300 |

[**矿用电缆**](http://www.6xv1830.net)规格型号载流量表：

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 芯数截面 Nom.cross sectional areas mm2 | 导体结构 Conductor structure NO./mm | 绝缘厚度 Insulation thickness mm | 护套厚度 Sheath thickness mm | 电缆外径 Average diameter | | 参考重量 Cable approx. weight kg/km | 导体（铜）最大直流电阻 Max.D.C. resistance(20 ℃ ) Ω /km | 20 ℃载流量 Current carring capacity(20 ℃ ) A |
| 标称 Normianal mm | 最大 Max mm |
| 3 × 4+1 × 4 | 56/0.30 | 1.4 | 3.5 | 20.9 | 23.0 | 637 | 4.950 | 35 |
| 56/0.30 | 4.950 |
| 3 × 6+1 × 6 | 84/0.30 | 1.4 | 3.5 | 22.9 | 25.1 | 856 | 3.300 | 46 |
| 84/0.30 | 3.300 |
| 3 × 10+1 × 10 | 84/0.40 | 1.6 | 4.0 | 27.8 | 30.6 | 1304 | 1.910 | 64 |
| 84/0.40 | 1.910 |
| 3 × 16+1 × 10 | 126/0.40 | 1.6 | 4.0 | 30.3 | 33.3 | 1545 | 1.210 | 85 |
| 84/0.40 | 1.910 |
| 3 × 25+1 × 16 | 196/0.40 | 1.8 | 4.5 | 36.4 | 40.1 | 2269 | 0.780 | 113 |
| 126/0.40 | 1.210 |
| 3 × 35+1 × 16 | 276/0.40 | 1.8 | 4.5 | 40.5 | 44.6 | 2786 | 0.554 | 138 |
| 126/0.40 | 1.210 |
| 3 × 50+1 × 16 | 396/0.40 | 2.0 | 5.0 | 45.5 | 50.1 | 3554 | 0.386 | 173 |
| 126/0.40 | 1.210 |
| 3 × 70+1 × 25 | 360/0.50 | 2.0 | 5.0 | 51.5 | 55.1 | 4587 | 0.272 | 215 |
| 196/0.40 | 0.780 |

**MC采煤机电缆载流量表**：

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ×导体标称截面（mm2） | | |  |  |  | 电缆外径 | | | | 电缆参考重量(kg/km) | |
| 动力线芯绝缘 | 护套标称 | | UC-0.38/0.66 | | UCP-0.38/0.66 | |
| 动力线芯 | 地线芯 | 控制线芯 | 标称厚度(mm) | 厚度(mm) | | 最小值 | 最大值 | 最小值 | 最大值 | UC | UCP |
| 3×16 | 1×4 | 3×2.5 | 1.6 | 4.5 | | 31.4 | 35.1 | 34.7 | 38.5 | 1587 | 1897 |
| 3×25 | 1×6 | 4×2.5 | 1.8 | 5.5 | | 37.8 | 42 | 41.3 | 45.5 | 2499 | 2670 |
| 3×35 | 1×6 | 4×4 | 1.8 | 5.5 | | 41.8 | 45 | 45.1 | 19.5 | 3090 | 3300 |
| 3×50 | 1×10 | 7×4 | 2 | 5.5 | | 46 | 50.9 | 50 | 54.3 | 3900 | 4200 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| X导体标称截面（mm2） | | |  |  | 电缆外径 | |  |
| 动力线芯绝 | 护套标称 | UC-0.38/0.66 | | 电缆参考重量 |
| 动力线芯 | 地线芯 | 控制线芯 | 标称厚度(mm) | 厚度(mm) | 最小值 | 最大值 | (kg/km) |
| 3×35 | 1×4 | 3×6 | 2 | 6 | 47.2 | 51.4 | 3391 |
| 3×50 | 1×10 | 3×6 | 2.2 | 7 | 54.3 | 58.6 | 4440 |
| 3×70 | 1×16 | 3×6 | 2.2 | 7 | 59.6 | 64.3 | 5394 |
| 3×95 | 1×25 | 3×10 | 2.4 | 7 | 64.5 | 70.1 | 6775 |

 SYV，SYWV[同轴电缆](http://www.jrctxl.com/)

|  |  |
| --- | --- |
| 型号 | 规格 |
| SYV-50-2-1 | 7/1.6 |
| SYV-50-2-2 | 1/0.68 |
| SYV-50-3-3 | 1/0.9 |
| SYV-50-5 | 1/0.4 |
| SYV-50-7-1 | 7/0.75 |
| SYV-50-9-41 | 7/0.95 |
| SYV-50-12-1 | 7/0.15 |
| SYV-50-15-41 | 7/1.54 |
| SYV-50-17-1 | 1/0.5 |
| SYV-75-3-41 | 7/0.17 |
| SYV-75-4-1 | 7/0.21 |
| SYV-75-5-4 | 1/0.75 |
| SYV-75-7-1 | 7/0.4 |
| SYV-75-9-41 | 1/1.37 |
| SYV-75-12-2 | 7/0.63 |
| SYV-75-15-41 | 7/0.82 |
| SYV-75-17-41 | 7/0.95 |
| SYV-100-7-41 | 1/0.6 |

**钢芯铝绞线载流量表：**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 标准截面 （mm2） | 结构（根数/直径） （mm） | 外径 （mm2） | 20℃时直流电阻不大于 （Ω/km） | 计算拉断力 N | 计算重量 （kg/km） | 交货长度 （不小于） | 连续载流量 （A） |
| 16 | 7/1.70 | 5.10 | 1.8020 | 2840 | 43.5 | 4000 | 111 |
| 25 | 7/2.15 | 6.45 | 1.1270 | 4355 | 69.6 | 3000 | 147 |
| 35 | 7/2.50 | 7.50 | 0.8332 | 5760 | 94.1 | 2000 | 180 |
| 50 | 7/3.00 | 9.00 | 0.5786 | 7930 | 135.5 | 1500 | 227 |
| 70 | 7/3.60 | 10.80 | 0.4018 | 10590 | 195.1 | 1250 | 284 |
| 95 | 7/4.16 | 12.48 | 0.3009 | 14450 | 26.5 | 1000 | 338 |
| 120 | 19/2.85 | 14.25 | 0.2373 | 16420 | 22.5 | 1500 | 390 |
| 150 | 19/3.15 | 15.75 | 0.1943 | 23310 | 407.4 | 1250 | 454 |
| 185 | 19/3.50 | 17.50 | 0.1574 | 28440 | 503.0 | 1000 | 518 |
| 210 | 19/3.75 | 18.75 | 0.1371 | 32260 | 577.4 | 1000 | 575 |
| 240 | 19/4.00 | 20.00 | 0.1205 | 36260 | 656.9 | 1000 | 610 |
| 300 | 37/3.20 | 22.40 | 0.09689 | 46850 | 82.4 | 1000 | 707 |
| 400 | 37/3.70 | 25.90 | 0.07247 | 61150 | 1097.0 | 1000 | 851 |
| 500 | 37/4.16 | 29.12 | 0.05733 | 76370 | 1387.0 | 1000 | 982 |
| 630 | 61/3.63 | 32.67 | 0.04577 | 91940 | 1744.0 | 800 | 1140 |
| 800 | 61/4.10 | 36.90 | 0.03588 | 115900 | 2225.0 | 800 | 1340 |

**钢芯铝绞线技术参数**：

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 标准截面铝/钢 （mm2） | 结构（根数/直径） （mm） | | 外径 （mm2） | 20℃时直流电阻不大于 （Ω/km） | 计算拉断力 N | 计算重量 （kg/km） | 交货长度 （不小于） | 连续载流量 （A） |
| 铝 | 钢 |
| 10/2 | 6/1.50 | 1/1.50 | 4.50 | 2.706 | 4120 | 42.9 | 3000 | 87 |
| 16/3 | 6/1.85 | 1/1.85 | 5.55 | 1.799 | 6130 | 65.2 | 3000 | 110 |
| 25/4 | 6/2.32 | 1/2.32 | 6.96 | 1.131 | 9290 | 102.6 | 3000 | 125 |
| 35/6 | 6/2.72 | 1/2.72 | 8.16 | 0.8230 | 12630 | 141.0 | 3000 | 145 |
| 50/8 | 6/3.20 | 1/3.20 | 9.60 | 0.5946 | 16870 | 195.1 | 2000 | 212 |
| 50/30 | 12/2.32 | 7/2.30 | 11.60 | 0.5692 | 42620 | 372.0 | 2000 | 250 |
| 70/10 | 6/3.80 | 1/3.80 | 11.40 | 0.4217 | 23390 | 275.2 | 2000 | 255 |
| 70/40 | 12/2.72 | 7/2.72 | 13.60 | 0.4141 | 58300 | 511.3 | 2000 | 340 |
| 95/15 | 26/2.15 | 7/1.67 | 13.61 | 0.3058 | 35000 | 380.8 | 2000 | 350 |
| 95/20 | 7/4.16 | 7/1.85 | 13.87 | 0.3019 | 37200 | 408.9 | 2000 | 360 |
| 95/55 | 12/3.20 | 7/3.20 | 16.00 | 0.2992 | 78110 | 707.7 | 2000 | 420 |
| 120/7 | 18/2.90 | 1/2.90 | 14.50 | 0.2422 | 27570 | 379.0 | 2000 | 380 |
| 120/20 | 26/2.32 | 7/1.85 | 15.07 | 0.2496 | 41000 | 466.8 | 2000 | 390 |
| 120/25 | 7/4.72 | 7/2.10 | 15.74 | 0.2345 | 47880 | 526.6 | 2000 | 400 |
| 120/70 | 12/3.60 | 7/3.60 | 18.00 | 0.2364 | 89370 | 895.6 | 2000 | 505 |
| 150/8 | 18/3.20 | 1/3.20 | 16.00 | 0.1989 | 32860 | 461.4 | 2000 | 442 |
| 150/20 | 24/2.78 | 7/1.85 | 16.67 | 0.1980 | 46630 | 549.4 | 2000 | 450 |
| 150/25 | 26/2.70 | 7/2.10 | 17.10 | 0.1939 | 54110 | 601.0 | 2000 | 470 |
| 150/35 | 30/2.5 | 7/2.50 | 17.50 | 0.1962 | 65020 | 676.2 | 2000 | 500 |
| 185/10 | 18/3.60 | 1/3.60 | 18.00 | 0.1572 | 40880 | 584.0 | 2000 | 497 |
| 185/25 | 24/3.15 | 7/2.10 | 18.90 | 0.1542 | 59420 | 706.1 | 2000 | 525 |
| 185/35 | 26/2.98 | 7/2.32 | 18.88 | 0.1592 | 64320 | 732.6 | 2000 | 525 |
| 185/45 | 30/2.80 | 7/2.80 | 19.6 | 0.1264 | 80190 | 848.2 | 2000 | 522 |
| 210/10 | 18/3.80 | 1/3.80 | 19.00 | 0.1411 | 45140 | 650.7 | 2000 | 523 |
| 210/25 | 34/3.33 | 7/2.22 | 19.98 | 0.1380 | 65990 | 789.1 | 2000 | 560 |
| 210/35 | 26/3.22 | 7/2.50 | 20.38 | 0.1363 | 74250 | 853.9 | 2000 | 590 |
| 210/50 | 30/2.98 | 7/2.98 | 20.86 | 0.1381 | 90830 | 906.8 | 2000 | 600 |
| 240/30 | 24/3.60 | 7/2.40 | 21.60 | 0.1181 | 75620 | 922.2 | 2000 | 610 |
| 240/40 | 26/3.42 | 7/2.66 | 21.66 | 0.1209 | 83370 | 964.3 | 2000 | 610 |
| 240/50 | 30/3.20 | 7/3.20 | 22.40 | 0.1189 | 102100 | 1108 | 2000 | 640 |
| 300/15 | 40/3.00 | 7/1.67 | 23.01 | 0.09724 | 68060 | 939.8 | 2000 | 650 |
| 300/20 | 45/2.93 | 7/1.95 | 23.43 | 0.09520 | 75680 | 1002 | 2000 | 655 |
| 300/25 | 48/2.85 | 7/7.22 | 27.76 | 0.09433 | 83410 | 1058 | 2000 | 690 |
| 300/40 | 24/3.99 | 7/2.66 | 23.94 | 0.09614 | 92220 | 1133 | 2000 | 705 |
| 300/50 | 26/3.83 | 7/2.98 | 24.26 | 0.09636 | 103400 | 1210 | 2000 | 725 |
| 300/70 | 30/3.60 | 7/3.60 | 25.20 | 0.09463 | 128000 | 1402 | 1200 | 740 |
| 400/20 | 42/3.51 | 7/1.95 | 26.91 | 0.07104 | 88850 | 1286 | 1500 | 800 |
| 400/25 | 45/3.33 | 7/2.22 | 26.64 | 0.07370 | 95940 | 1295 | 1500 | 800 |
| 400/35 | 48/3.22 | 7/2.50 | 26.82 | 0.07389 | 103900 | 1349 | 1500 | 810 |
| 400/50 | 54/3.07 | 7/3.07 | 27.63 | 0.07232 | 123400 | 1511 | 1500 | 815 |
| 400/65 | 26/4.22 | 7/3.44 | 28.00 | 0.07326 | 135200 | 1611 | 1500 | 850 |
| 400/95 | 30/4.16 | 19/2.32 | 29.14 | 0.07087 | 171300 | 1860 | 1500 | 873 |