

钢芯铝绞线双绞线（ACSR/TP）



结构：钢芯铝绞线双绞线由两根相同规格的单导线左向绞合而成。单元导线由铝线以及中间用于加强的镀锌钢丝同心式绞合成为钢芯铝绞线。



用途：钢芯铝绞线双绞线适用于中压、高压和超高压架空线，长距离输配电，特别适用于线路需防风抗振动的地区。



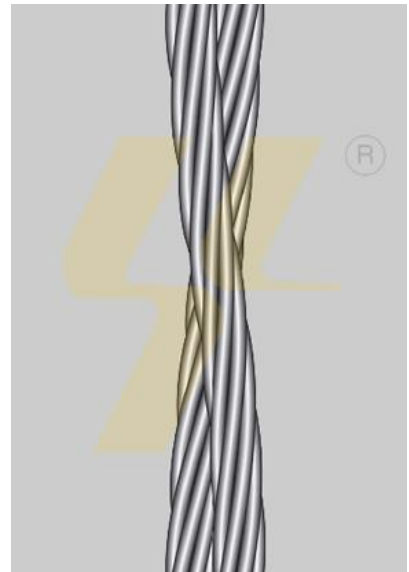
工作温度：导体的最大允许持续工作温度不应超过 90℃。



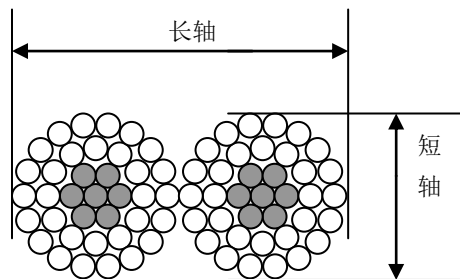
标准：ASTMB911，或者用户要求的其它标准。



包装：铁木盘，木盘或铁盘。



钢芯铝绞线双绞线的结构



钢芯铝绞线双绞线 美国标准 ASTM B911

| 规格代码 | 线规 AWG 或 kcmil | 组成单元 | | | 外径 | |
|------------|-------------------|-------------|-----------|----------|-------|-------|
| | | AWG 或 kcmil | 铝 | 钢 | 短轴 | 长轴 |
| Swan/TP | 1 | 4 | 6×0.0834 | 1×0.0834 | 0.250 | 0.500 |
| Swanate/TP | 1 | 4 | 7×0.0772 | 1×0.1029 | 0.257 | 0.514 |
| Swallow/TP | 1/0 | 3 | 6×0.0937 | 1×0.0937 | 0.281 | 0.562 |
| Sparrow/TP | 2/0 | 2 | 6×0.1052 | 1×0.1052 | 0.316 | 0.632 |
| Sparate/TP | 2/0 | 2 | 7×0.0974 | 1×0.1299 | 0.325 | 0.650 |
| Robin/TP | 3/0 | 1 | 6×0.1181 | 1×0.1181 | 0.354 | 0.708 |
| Raven/TP | 4/0 | 1/0 | 6×0.1327 | 1×0.1327 | 0.398 | 0.796 |
| Quail/TP | 266.2 | 2/0 | 6×0.1489 | 1×0.1489 | 0.447 | 0.894 |
| Pigeon/TP | 335.6 | 3/0 | 6×0.1672 | 6×0.1672 | 0.502 | 1.004 |
| Penguin/TP | 423.2 | 4/0 | 6×0.1878 | 1×0.1878 | 0.563 | 1.126 |
| Jaeger/TP | 456.4 | 228.2 | 18×0.1126 | 1×0.1126 | 0.563 | 1.126 |
| Waxwing/TP | 533.6 | 266.8 | 18×0.1217 | 1×0.1217 | 0.609 | 1.218 |

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|----------------|--------|-------|-----------|-----------|-------|-------|
| Spoonbill/TP | 533.6 | 266.8 | 22x0.1101 | 7x0.0612 | 0.624 | 1.248 |
| Scaup/TP | 533.6 | 266.8 | 24x0.1054 | 7x0.0703 | 0.633 | 1.266 |
| Partridge/TP | 533.6 | 266.8 | 26x0.1013 | 7x0.0788 | 0.642 | 1.284 |
| Junco/TP | 533.6 | 266.8 | 30x0.0943 | 7x0.0943 | 0.660 | 1.320 |
| Ostrich/TP | 600.0 | 300.0 | 26x0.1074 | 7x0.0835 | 0.680 | 1.360 |
| Merlin/TP | 672.8 | 336.4 | 18x0.1367 | 1x0.1367 | 0.683 | 1.366 |
| Trogon/TP | 672.8 | 336.4 | 20x0.1297 | 7x0.0576 | 0.692 | 1.384 |
| Woodcock/TP | 672.8 | 336.4 | 22x0.1237 | 7x0.0687 | 0.701 | 1.402 |
| Widgeon/TP | 672.8 | 336.4 | 24x0.1184 | 7x0.0789 | 0.710 | 1.420 |
| Linnet/TP | 672.8 | 336.4 | 26x0.1137 | 7x0.0884 | 0.720 | 1.440 |
| Oriole/TP | 672.8 | 336.4 | 30x0.1059 | 7x0.1059 | 0.741 | 1.482 |
| Chickadee/TP | 795.0 | 397.5 | 18x0.1486 | 1x0.1486 | 0.743 | 1.486 |
| Flicker/TP | 954.0 | 477.0 | 24x0.1410 | 7x0.0940 | 0.846 | 1.692 |
| Hawk/TP | 954.0 | 477.0 | 26x0.1354 | 7x0.1053 | 0.858 | 1.716 |
| Hen/TP | 954.0 | 477.0 | 30x0.1261 | 7x0.1261 | 0.883 | 1.766 |
| Heron/TP | 1000.0 | 500.0 | 30x0.1291 | 7x0.1291 | 0.904 | 1.808 |
| Nightingale/TP | 1034.0 | 517.0 | 18x0.1694 | 1x0.1694 | 0.848 | 1.696 |
| Creeper/TP | 1034.0 | 517.0 | 20x0.1607 | 7x0.0714 | 0.858 | 1.716 |
| Osprey/TP | 1113.0 | 556.5 | 18x0.1758 | 1x0.1758 | 0.879 | 1.758 |
| Tody/TP | 1113.0 | 556.5 | 20x0.1666 | 7x0.0741 | 0.890 | 1.780 |
| Sapsucker/TP | 1113.0 | 556.5 | 22x0.1590 | 7x0.0883 | 0.901 | 1.802 |
| Parakeet/TP | 1113.0 | 556.5 | 24x0.1523 | 7x0.1015 | 0.914 | 1.828 |
| Dove/TP | 1113.0 | 556.5 | 26x0.1463 | 7x0.1138 | 0.927 | 1.854 |
| Eagle/TP | 1113.0 | 556.5 | 30x0.1362 | 7x0.1362 | 0.953 | 1.906 |
| Kittiwake/TP | 1192.0 | 596.0 | 18x0.1820 | 1x0.1820 | 0.910 | 1.820 |
| Skua/TP | 1210.0 | 605.0 | 20x0.1739 | 7x0.0773 | 0.928 | 1.856 |
| Peacock/TP | 1210.0 | 605.0 | 24x0.1588 | 7x0.1059 | 0.953 | 1.906 |
| Squab/TP | 1210.0 | 605.0 | 26x0.1525 | 7x0.1186 | 0.966 | 1.932 |
| Wood Duck/TP | 1210.0 | 605.0 | 30x0.1420 | 7x0.1420 | 0.994 | 1.988 |
| Teal/TP | 1210.0 | 605.0 | 30x0.1420 | 19x0.0852 | 0.994 | 1.988 |
| Swift/TP | 1272.0 | 636.0 | 36x0.1329 | 1x0.1329 | 0.930 | 1.860 |
| Kingbird/TP | 1272.0 | 636.0 | 18x0.1880 | 1x0.1880 | 0.940 | 1.880 |
| Tuacos/TP | 1272.0 | 636.0 | 20x0.1783 | 7x0.0792 | 0.951 | 1.902 |
| Rook/TP | 1272.0 | 636.0 | 24x0.1628 | 7x0.1085 | 0.977 | 1.954 |
| Grosbeak/TP | 1272.0 | 636.0 | 26x0.1564 | 7x0.1215 | 0.990 | 1.980 |
| Scoter/TP | 1272.0 | 636.0 | 30x0.1456 | 7x0.1456 | 1.019 | 2.038 |
| Egret/TP | 1272.0 | 636.0 | 30x0.1456 | 19x0.0874 | 1.019 | 2.038 |
| Siskin/TP | 1333.2 | 666.6 | 20x0.1826 | 7x0.0812 | 0.974 | 1.948 |
| Flamingo/TP | 1333.2 | 666.6 | 24x0.1667 | 7x0.1111 | 1.000 | 2.000 |
| Gannet/TP | 1333.2 | 666.6 | 26x0.1601 | 7x0.1245 | 1.014 | 2.028 |
| Dunlin/TP | 1431.0 | 715.5 | 20x0.1891 | 7x0.0840 | 1.008 | 2.016 |
| Stilt/TP | 1431.0 | 715.5 | 24x0.1727 | 7x0.1151 | 1.036 | 2.072 |
| Starling/TP | 1431.0 | 715.5 | 26x0.1659 | 7x0.1290 | 1.051 | 2.102 |
| Redwing/TP | 1431.0 | 715.5 | 30x0.1544 | 19x0.0926 | 1.081 | 2.162 |

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|---------------|--------|--------|-----------|-----------|-------|-------|
| Coot/TP | 1590.0 | 795.0 | 36x0.1486 | 1x0.1486 | 1.040 | 2.080 |
| Macaw/TP | 1590.0 | 795.0 | 42x0.1376 | 7x0.0764 | 1.055 | 2.110 |
| Turbit/TP | 1590.0 | 795.0 | 20x0.1994 | 7x0.0886 | 1.063 | 2.126 |
| Tern/TP | 1590.0 | 795.0 | 45x0.1329 | 7x0.0886 | 1.063 | 2.126 |
| Puffin/TP | 1590.0 | 795.0 | 22x0.1901 | 7x0.1056 | 1.077 | 2.154 |
| Cuckoo/TP | 1590.0 | 795.0 | 24x0.1820 | 7x0.1213 | 1.092 | 2.184 |
| Condor/TP | 1590.0 | 795.0 | 54x0.1213 | 7x0.1213 | 1.092 | 2.184 |
| Drake/TP | 1590.0 | 795.0 | 26x0.1749 | 7x0.1360 | 1.108 | 2.216 |
| Mallard/TP | 1590.0 | 795.0 | 30x0.1628 | 19x0.0977 | 1.140 | 2.280 |
| Surfbird/TP | 1749.0 | 874.5 | 20x0.2091 | 7x0.0929 | 1.115 | 2.230 |
| Tumstone/TP | 1800.0 | 900.0 | 20x0.2121 | 7x0.0943 | 1.131 | 2.262 |
| Ruddy/TP | 1800.0 | 900.0 | 45x0.1414 | 7x0.0943 | 1.131 | 2.262 |
| Canary/TP | 1800.0 | 900.0 | 54x0.1291 | 7x0.1291 | 1.162 | 2.324 |
| Catbird/TP | 1908.0 | 954.0 | 36x0.1628 | 1x0.1628 | 1.140 | 2.280 |
| Phoenix/TP | 1908.0 | 954.0 | 42x0.1507 | 7x0.0387 | 1.155 | 2.310 |
| Corncrake/TP | 1908.0 | 954.0 | 20x0.2184 | 7x0.0971 | 1.165 | 2.330 |
| Rail/TP | 1908.0 | 954.0 | 45x0.1456 | 7x0.0971 | 1.165 | 2.330 |
| Towhee/TP | 1908.0 | 954.0 | 48x0.1410 | 7x0.1097 | 1.175 | 2.350 |
| Redbird/TP | 1908.0 | 954.0 | 24x0.1994 | 7x0.1329 | 1.196 | 2.392 |
| Cardinal/TP | 1908.0 | 954.0 | 54x0.1329 | 7x0.1329 | 1.196 | 2.392 |
| Canvasback/TP | 1908.0 | 954.0 | 30x0.1783 | 19x0.1070 | 1.248 | 2.497 |
| Snowbird/TP | 2067.0 | 1033.5 | 42x0.1569 | 7x0.0872 | 1.203 | 2.406 |
| Ortolan/TP | 2067.0 | 1033.5 | 45x0.1515 | 7x0.1010 | 1.212 | 2.424 |
| Whooper/TP | 2067.0 | 1033.5 | 48x0.1467 | 7x0.1141 | 1.223 | 2.446 |
| Curlew/TP | 2067.0 | 1033.5 | 54x0.1383 | 7x0.1383 | 1.245 | 2.490 |
| Avocet/TP | 2226.0 | 1113.0 | 42x0.1628 | 7x0.0904 | 1.248 | 2.496 |
| Bluejay/TP | 2226.0 | 1113.0 | 45x0.1573 | 7x0.1049 | 1.259 | 2.518 |
| Bullfinch/TP | 2226.0 | 1113.0 | 48x0.1523 | 7x0.1185 | 1.269 | 2.538 |
| Finch/TP | 2226.0 | 1113.0 | 54x0.1436 | 19x0.0862 | 1.293 | 2.586 |