

Medium Voltage

Super-Trex® Unshielded Jumper Cable

Super-Trex® Unshielded Jumper Cable is a high-flex medium voltage single-conductor cable designed for temporary use. It is an ideal choice for industrial applications where an unshielded medium voltage cable is suitable. This includes temporary bypassing of damaged sections of power cable, or in areas such as switchgear enclosures or transformer vaults.



Ratings

15kV

Max Conductor Temperature 90°C

Performance Characteristics

✓ Bend Radius (Static): 6x Cable O.D.

Engineered to Resist



Flexing



Abrasion



Impact



Chemicals

Features & Benefits

Finely Stranded Tinned Copper Conductors

Fine stranding improves flex-life and reduces conductor fatigue and breakage. Tinned conductors resist corrosion and are easier to solder.

Semi-Conductive Tape

Prevents the insulation compound from bonding to the conductor and allows for easy and clean stripping.

EPR Moisture and Heat Resistant Thermoset Insulation

Resists effects of lubricating oils, coolants, cutting oils, acids, and most chemicals. Provides protection from moisture and heat.

Specially Compounded Red TSE Jacket

Offers superior first-line defense against tearing, abrasion, impact, oil, ozone, and most chemicals. Flame and heat resistant. Extreme all-weather flexibility.

Ordering Information

For complete product ordering information, please scan the QR Code or contact your TPC sales representative

| Part No. | Configuration AWG/Cond | Ampacity* | Nominal O.D. (in) | W.T. (lbs) Per 1,000 ft. |
|----------|---------------------------|-----------|----------------------|-----------------------------|
| 78006 | 6 AWG | 110 | 0.820 | 360 |
| 78004 | 4 AWG | 150 | 0.880 | 449 |
| 78002 | 2 AWG | 195 | 0.940 | 563 |
| 78010 | 1/0 AWG | 260 | 1.040 | 742 |
| 78020 | 2/0 AWG | 300 | 1.080 | 869 |
| 78040 | 4/0 AWG | 400 | 1.220 | 1,181 |
| 78350 | 350 kcmil | 550 | 1.340 | 1,692 |
| 78500 | 500 kcmil | 685 | 1.460 | 2,192 |



Notes

*Based on a conductor temperature of 90°C, ambient temperature of 40°C, 15,000 volts, single conductor in free air per NEC Table 315.60(C)(3).

Jumper cables are for use on equipment and in applications where an unshielded, flexible, medium voltage cable is required. Caution should be taken to limit access to these areas and cables to authorized trained personnel. Because these cables are not shielded, keep them positioned away from contact with grounds, transformer cases, etc. to avoid possible high electrical stress areas and capacitive leakage. Jumper cables are intended for temporary use; do not use them in applications that require a shielded medium voltage cable.