Black outer jacket

90°C

40

55

75

Ampacity 75°C

35

50

Type TC Direct Burial Cable

Available by special order only (minimums apply)

10/3 with ground tray cable

8/3 with ground tray cable

6/3 with ground tray cable

AWG/Conductors

Type TC Direct Burial

Part Number

THHN-103

THHN-83

THHN-63

Type TC Direct Burial Power and Control Cable is a 600V cable with three 100% copper conductors and ground tray cable. Inner insulation jackets are UL Listed THHN/THWN heat stabilized PVC/nylon insulation. Its tough PVC outer jacket resists mechanical damage, heat, flame, moisture, chemicals, sunlight, and corrosion. Designed for burial without conduit and rated for temperatures from -25°C to 90°C.

Features

 100% bare annealed copper Class B compressed stranded conductors and ground wire

- UL Listed flame and moisture resistant jacket
- Ripcord under jacket eases stripping
- Rated for 600 Volts
- Made in the USA





Applications

- Approved for cable tray, raceway, direct burial, and aerial installations with messenger wire
- Complies with NEC Articles 318, 340, 501, 725
- Approved for tray use in Class 1, Div 2 hazardous locations and Class 1 control circuits as permitted in NEC Articles 318, 501
- 4 AWG is UL Listed for exposed runs (TC-ER) per NEC 336.10
- Use at temperatures up to 75°C wet or 90° dry

Industry Approvals

- ASTM
- UL 1277
- ICEA S-58-679 Control Cable Conductor Identification Method 4
- UL 1685 UL CT Flame Exposure Test (70,000 Btu/hr)
- ICEA T-29-520 Vertical Cable Tray Flame Test (210,000 Btu/hr)
- ICEA 8-95-658 (NEMA WC 70) construction requirements
- IEEE 1202/FT4
- RoHS Compliant



Typical Legend

6 AWG 3 CDRS W/GND TYPE TC-ER THHN-THWN-2 CDRS 90C 600V SUN RES DIR BUR (UL) E153913

