



2012 CORPORATE LANE, SUITE 116 NAPERVILLE, IL 60563
TOLL FREE: 888-888-8045

Part #: VNTC 18-4C SHLD

Shielded Tray Cable Specification

Description: 18 AWG 4 conductor 7 strand bare copper with polyvinylchloride and nylon insulation, an aluminum/mylar shield with a stranded tinned copper drain wire with an overall PVC jacket 600V control tray cable, PLTC, NPLF & FPL, approved for use in SUN RES DIR BUR 90°C applications.

Conductor: AWG Size & Stranding: 18 AWG, 7 Strands Class B
Material: Annealed Bare Copper
Conductor Count: 4 Conductors

Insulation: Material: Polyvinylchloride & Nylon
Wall Thickness: 0.015" PVC & 0.005" Nylon
Color Code: Method 1, Table E-2

Assembly: Lay Length: Per UL Standard 1277
Fillers: N/A
Binder: N/A
Shield: Aluminum/Mylar Tape - 100% coverage
Drain Wire: 20 AWG, 7 Strand Tinned Copper

Jacket: Material: Polyvinylchloride
Wall Thickness: 0.045"
Diameter: 0.283"
Color: Black
Ripcord: Yes
Cold Bend Rating: -40°C
Weight: 58 lbs./Mft.

Markings: Type: Cable shall be permanently identified via surface inkjet print
Legend: LAKE CABLE E208309 18AWG 4C SHIELDED (UL) TC-ER 600V PLTC NPLF FPL PVC/NYLON 600V 90°C DRY/
WET PVC JACKET SUN RES DIR BUR FT4 "ROHS"
Footage Markers: Yes

Standards

- Refer to NEC (NFPA 70) article 336 for installation guidelines
- Cable is suitable for use in Class I Division II hazardous locations
- UL listed as Type TC-ER per UL Standard 1277 for tray cables and Quad Rated TC, PLTC, NPLF & FPL
- UL approved for Direct Burial and Sunlight Resistant applications
- Cable meets UL 1581 & 1202 (FT-4) 70,000 BTU/HR & ICEA T-29-520 210,000 BTU/HR requirements
- Meets ICEA S-73-532, where applicable
- All materials used in the manufacture of this cable are RoHS II & REACH compliant
- Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION