

SDT1609-0 Control Tray Cable

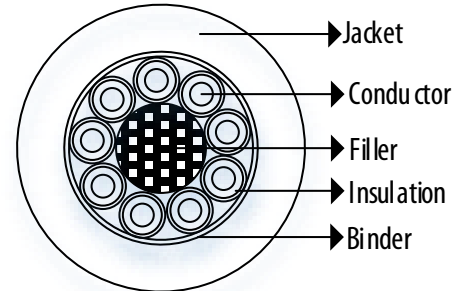
(UL)TC-ER 600V



PRODUCT DATA SHEET

TC-ER cable is suitable for use in exposed runs and features a sunlight-resistant TPE jacket and PVC/Nylon insulation. It also has approval for use in Class I, Division II industrial hazardous locations per NEC.

Design Number 10967
 Part Number 6000001117
 Customer Number N/A



CONSTRUCTION

Conductor: Stranded annealed bare copper
Conductor Size: 16AWG, 26 Strands Class K
Insulation Material: Polyvinyl Chloride/Nylon
Insulation Thickness: 0.015"/0.005"(Nom.)
Insulation Diameter: 0.098"(Nom.)
Ground: Insulated (Green/Yellow) - 16 AWG 26 strand bare copper
Fillers: Fibrillated Polypropylene- As Necessary for a circular cross section
Binder: Tissue - 100% Coverage
Jacket Material: TPE
Jacket Thickness: 0.045"(Nom.)
Overall Diameter: 0.494"±0.030"
Jacket Color: Black

Print Legend (Footage Markers):

ASCENT E478019-LU 16AWG 9C (UL) TC-ER PVC/NYLON INSULATED GROUND
 600V 90C DRY/WET TPE JACKET SUN RES DIR BUR FT4 "ROHS COMPLIANT"
 MADE IN USA

Color Code: Black and numbered + Green/Yellow

ELECTRICAL&PHYSICAL CHARACTERISTICS

Operating Temperature (°C): 90°C
Operating Voltage: UL 600V
Cold Bend: -40°C
Weight: 160 Lbs./Mft.

SAFETY CHARACTERISTICS

UL listed as Type TC-ER per UL Standard 1277 for Tray Cables
 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
 Refer to NEC (NFPA 70) article 336 for installation guidelines
 Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive,
 RoHS 3 2015/863/EU Directive
 Cable is REACH compliant per Regulation (EC) No 1907/2006(240) Updated
 January 23, 2024

Application: Suitable for use in free air, raceways, or direct burial applications, and in wet or dry conditions

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Revision History		
00	2024/06/06	Initial Release
Created L. Jian		Approved T. Plochoki

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