

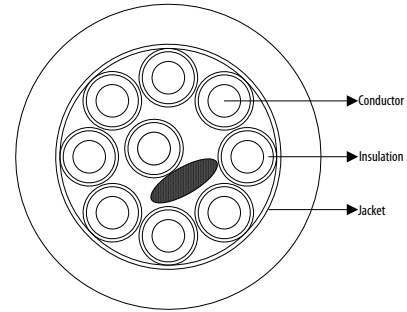
SDT1608 + 1 Insulated Ground Control Tray Cable (UL)TC-ER 600V



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 paper- 100% Coverage
Jacket Material: TPE
Jacket Thickness: 0.045"(Nom.)
Overall Diameter: 0.448"±0.030"
Jacket Color: Black

Print Legend (Footage Markers):

ASCENT E478019-LU 16AWG 8C (UL) TC-ER PVC/NYLON INSULATED GROUND
 600V 90C DRY/WET SUN RES DIR BUR FT4 "ROHS COMPLIANT" MADE IN
 USA

Color Code: Black and numbered + (1) Green/Yellow

ELECTRICAL&PHYSICAL CHARACTERISTICS

Operating Temperature (°C): 90°C
Operating Voltage: UL 600V
Cold Bend: -40°C
Weight: 155 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

All trademarks are property of their respective owners. All specifications are subject to change.

Revision History		
00	2024/06/06	Initial Release
01	2024/06/28	The description is revised, overall diameter is adjusted
Created L. Jian		Approved T. Plochocki

Milwaukee | 5001 South Towne Dr. New Berlin, WI 53151, USA
Frankfurt | Rudolf-Braas-Strasse 2, D-61381 Friedrichsdorf, Germany
Luton | Unit 11, Humphrys Road, Woodside Industrial Estate, Dunstable, LU5 4TP, UK
Suzhou | B2-2 Weiting Industrial - Workshop A, No. 9 Weixin Road, Suzhou Industrial Park, China

