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



PRODUCT DATA SHFFT

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



**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

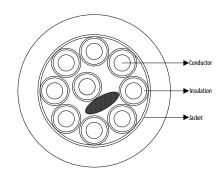
Jacket Material: TPE

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



