

SDT1410-0 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.

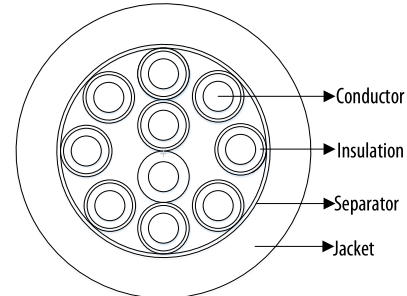
Design Number 10879
Part Number N/A
Customer Number N/A

CONSTRUCTION

Conductor: Stranded annealed bare copper
Conductor Size: 14AWG, 41 Strands
Insulation Material: Polyvinyl Chloride/Nylon
Insulation Thickness: 0.015"/0.005" (Nom.)
Insulation Diameter: 0.112" (Nom.)
Lay Length: 7.50" LHL Nominal
Separator: Tissue - 100% Coverage
Jacket Material: TPE
Jacket Thickness: 0.060" (Nom.)
Overall Diameter: 0.618" (Nom.)
Jacket Color: Black

Print Legend (Footage Markers):

ASCENT E478019-LU 14AWG 10C (UL) TC-ER PVC/NYLON 600V 90C DRY/WET
 SUN RES DIR BUR FT4 "ROHS COMPLIANT" MADE IN USA



Color Code: Black, Red, Blue, Orange, Yellow, Brown

Red/Black, Blue/Black, Orange/Black, Yellow/Black

ELECTRICAL CHARACTERISTICS

Operating Temperature (°C): 90°C
Operating Voltage: UL 600V
Weight: 314 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(233) Updated Jan. 17 2023

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	2023/09/28	Initial Release
Created L. Jian		Approved A. Huang

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