

18AWG/4 Triads VNTC

(UL)TC-ER 600V C(UL) CIC-TC CSA AWM



PRODUCT DATA SHEET

Cable is suitable for installation under NEC (NFPA 70) article 336 guidelines.

Cable is suitable for installation in Class I Division 2 hazardous locations.

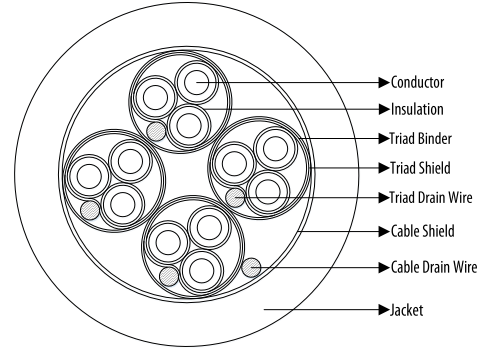
Design Number 10724
Part Number 1812TSTOS-0BEG
Customer Number N/A

CONSTRUCTION

Conductor: Stranded tinned copper
Conductor Size: 18AWG, 7 strands
Insulation Material: Polyvinyl Chloride/Nylon
Insulation Thickness: 0.015"/0.005" (Nom.)
Insulation Diameter: 0.088" (Nom.)
Triad Binder: Clear Mylar
Triad Drain Wire: 20AWG, 7 strands tinned copper
Triad Shield: FFE Aluminum/Mylar Tape - 100% coverage
Cable Shield: Aluminum/Mylar Tape - 100% coverage
Cable Drain Wire: 20AWG, 7 strands tinned copper
Jacket Material: Polyvinyl Chloride
Rip Cord: Yes
Jacket Thickness: 0.063" (Nom.)
Overall Diameter: 0.590" (Nom.)
Jacket Color: Gray

Print Legend (Footage Markers):

ASCENT E478019-LU 18AWG 4TR STOS (UL) TC-ER PVC/NYLON 600V 90C DRY/
 WET PVC JACKET SUN RES DIR BUR OIL RES I & II OR CIC-TC C(UL) 18AWG 4TR
 SHIELDED PVC/NYLON 600V FT1 FT4 90C DRY 75C WET SR OR CSA 604274 AWM
 I/II A/B 600V 90C DRY 75C WET FT1 FT2 FT4 -40C "ROHS COMPLIANT" MADE
 IN USA



Color Code: Black x White (Triad Number 1) x Red,
 Black x White (Triad Number 2) x Red, Black x White (Triad Number 3) x Red
 Black x White (Triad Number 3) x Red

ELECTRICAL CHARACTERISTICS

Operating Temperature (°C): 90°C
Operating Voltage: 600V
Weight: 184 Lbs/Mft

SAFETY CHARACTERISTICS

UL listed as Type TC-ER per UL Standard 1277 for Tray Cables
 UL approved for Direct Burial, Sunlight and Oil I & II Resistant applications
 Listed as Type CIC-TC per CSA Standard 22.2 No.239-09 & No. 230-09 for
 instrumentation and control cable and tray cables
 CSA listed as Type AWM per CSA Standard 22.2 No.210-11 for appliance wiring
 material products
 Cable meets UL 1581 & 1202 (FT-4) 70,000 BTU/HR & ICEA T-29-520 210,000
 BTU/HR requirements
 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(224)
 Updated June 10, 2022

Application: Industrial & commercial applications,
 Cold & hazardous environments, Control and/or power,
 Machine tools or factory installation

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Revision History		
00	2023/02/28	Initial Release
Created L. Jian	Approved A. Huang	

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