

# 18AWG/2 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.

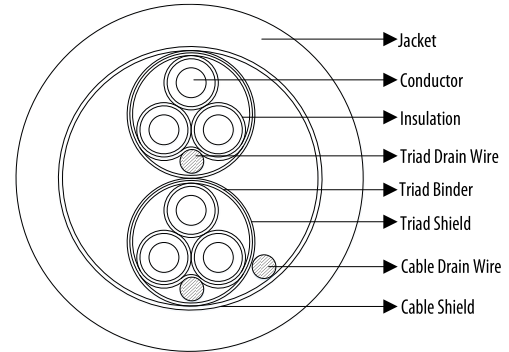
**Design Number** 10725  
**Part Number** 1802TSTOS-OBEG  
**Customer Number** N/A

### 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:** 0.509" (Nom.)  
**Jacket Color:** Gray

#### Print Legend (Footage Markers):

ASCENT E478019-LU 18AWG 2TR 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 2TR  
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,

### ELECTRICAL CHARACTERISTICS

**Operating Temperature (°C):** 90°C  
**Operating Voltage:** 600V  
**Weight:** 115 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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