

18AWG/4C NS VNTC

(UL)TC-ER 600V C(UL) CIC TC CSA AWM WTTC DP-1



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.

Suitable for torsional applications which are typical for the loop in wind turbine generators (WTG).

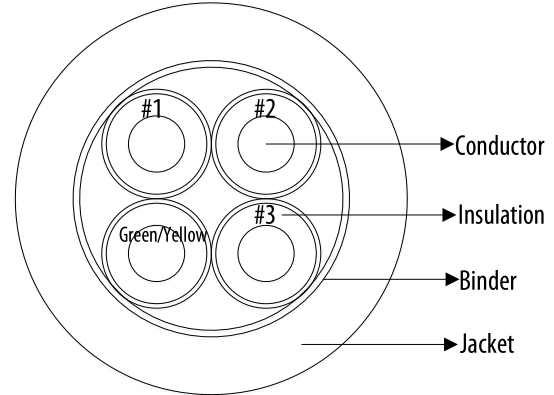
Design Number 10598
Part Number 32164940
Customer Number N/A

CONSTRUCTION

Conductor: Stranded bare copper
Conductor Size: 18AWG(16/0.010")
Insulation Material: Polyvinyl Chloride/Nylon
Insulation Thickness: 0.015"/0.005"(Nom.)
Insulation Diameter: 0.086"(Nom.)
Binder: Non-woven polyester tape
Jacket Material: TPE, pressure extruded
Rip Cord: Yes (1-Ply)
Jacket Thickness: 0.054"(Nom.)
Overall Diameter: 0.320"(Nom.)
Jacket Color: Black

Print Legend (Footage Markers):

TC-1804 18AWG/4C ASCENT E478019-LU (UL) TC-ER 600V PVC/NYLON 90C DRY/WET 90C JKT SUN RES OIL RES II DIR BUR OR DP-1 OR MTW FLEX 600V OR AWM 20886 1KV 90C OR C(UL) TC CIC 90C DRY 75C WET FT4-25C OR CSA 604274 AWM I/II A/B 90C DRY 75C WET 1KV FT1 FT2 FT4-40C **CE** ROHS
MADE IN USA XXXXX FT



Color Code: Black #1 ~#3, Green/Yellow

ELECTRICAL CHARACTERISTICS

Operating Temperature (°C): 90°C

Operating Voltage: UL/CSA 600V(TC-ER, MTW, CIC), WTTC 1000V
UL/CSA 1000V(AWM)

Weight: 64 Lbs/Mft

Min. Bend Radius: 4x OD

Attributes: Cable meets UL 1581 & 1202(FT-4) 70,000 BTU/HR
UL approved for Direct Burial, Sunlight and Oil I & II Resistant

SAFETY CHARACTERISTICS

UL listed as Type TC-ER per UL Standard 1277 for Tray Cables

UL listed as Type WTTC per UL Standard 2277 for wind turbine tray cables

UL listed as MTW and DP-1 per UL Standard 1063,1690

UL recognized component as Type 20886 per UL Standard 758 for appliance wiring material

Listed as Type CIC TC per CSA Standard C22.2 No. 239-17 & 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

In compliance with the Low Voltage Directive 2006/95/EC

Product is marked CE in accordance with EC Declaration of Conformity

RoHS Compliant: European Directive 2015/863/EU

REACH: Regulation (EC) No 1907/2006 Updated June.27, 2018

Application: Torsion resistant for drip loops, Industrial machinery, Compliant with tool machines, Plant engineering, Wind Turbine Tray Cable, Outdoor use and Direct burial in the USA

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

Revision History		
00	2022/03/07	Initial Release
01	2022/03/21	Print legend updated
02	2022/04/14	Print legend updated
03	2022/05/18	Print legend updated
04	2022/07/18	Print legend updated and Part Number added
Created L. Jian		Approved A. Huang

UK HQ | Unit 11, Humphrys Road, Woodside Industrial Estate, Dunstable, LU5 4TP UK

Frankfurt | Rudolf-Braas-Strasse 2, D-61381 Friedrichsdorf

Milwaukee | 5001 South Towne Dr. New Berlin, WI 53151 USA

Suzhou | B2-2 Weiting Town Industrial - Workshop A, No. 9 Weixin Rd., Suzhou Industrial Park, Jiangsu, China 215122

