



Specification Sheet

Lake Cable Part #: VXT184SPOS19XWTA

Description: 18 AWG 4 pair 19 strand bare copper with XLPE insulation, aluminum/mylar shields with stranded tinned copper drain wires, a tinned copper braid shield and an overall PVC jacket 1KV Wind Turbine Tray Cable, approved for use in SUN RES OIL RES I & II 90°C applications. Also approved for C(UL) 600V & CSA AWM.

1. **Conductor**
 - 1.1. AWG Size & Stranding: 18 AWG 19 Strands
 - 1.2. Material: Annealed Bare Copper
 - 1.3. Conductor Count: 4 Pairs
2. **Insulation**
 - 2.1. Material: Cross-linked Polyethylene
 - 2.2. Wall Thickness: 0.030"
 - 2.3. Color Code: White x Brown, Green x Yellow, Gray x Pink, Blue x Red
3. **Assembly**
 - 3.1. Pair/Cable Lay Length: 3.25" / 6.50" LHL
 - 3.2. Pair Drain Wire: 22 AWG 7 Strand Tinned Copper
 - 3.3. Pair Shield: Foil Free Edged Aluminum/Mylar Tape - 100% coverage
 - 3.4. Cable Binder: Polypropylene Tape
 - 3.5. Cable Shield: Aluminum/Mylar Tape - 100% coverage
 - 3.6. Cable Drain Wire: 18 AWG 7 Strand Tinned Copper
 - 3.7. 2nd Cable Shield: 36 AWG Tinned Copper Braid - 85% minimum coverage
4. **Jacket**
 - 4.1. Material: Polyvinylchloride
 - 4.2. Wall Thickness: 0.060"
 - 4.3. Diameter: 0.581" ± 0.025
 - 4.4. Color: Black
 - 4.5. Ripcord: No
 - 4.6. Cold Bend Rating: -40°C
 - 4.7. Weight: 225 lbs/Mft
5. **Markings***
 - 5.1. Type: Cable shall be permanently identified via surface inkjet print
 - 5.2. Legend: WTEC E323699 18AWG 4PR SPOS (UL) WTTC 1000V XLPE SUN RES OIL RES I & II OR CIC-TC C(UL) 18AWG 4PR SHIELDED XLPE 600V FT1 FT4 90°C DRY/WET SR -40°C OR CSA LL226471 AWM A/B I/II 1000V FT1 FT2 90°C -40°C (2YR DIGIT OF MFG) "ROHS COMPLIANT" MADE IN USA
6. **Standards**
 - 6.1. Cable is suitable for use in Class I Division 2 hazardous locations
 - 6.2. UL listed as Type WTTC per UL Standard 2277 for wind turbine tray cables
 - 6.3. UL approved for Sunlight and Oil I & II Resistant applications
 - 6.4. Cable meets UL 1581 & 1202 (FT-4) 70,000 BTU/HR & ICEA T-29-520 210,000 BTU/HR requirements
 - 6.5. Listed as Type CIC-TC per CSA Standard 22.2 No. 239-09 & 230-09 for instrumentation and control cable & tray cables
 - 6.6. CSA listed as Type AWM per CSA Standard 22.2 No. 210-11 for appliance wiring material products
 - 6.7. Cable is RoHS III compliant per Directive 2015/863/EU
 - 6.8. Cable is REACH compliant per Regulation (EC) No 1907/2006 Updated July, 7 2017
 - 6.9. Made in the USA

Your signature constitutes that you have read and agreed to this specification sheet and upon confirmation of your order; this item may be non-cancelable and non-returnable.

Signature

Company

Date

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION

***Client expressly indemnifies Lake Cable, LLC for any liabilities relating in any way to Lake Cable's placement of markings on the product, when such markings are specified for such placement by the client.**