



Specification Sheet

Lake Cable Part #: TN162SPOS-ER

Description: 16 AWG 2 twisted shielded pairs 7 strand bare copper wire, PVC/Nylon insulation, individually shielded and an overall shield with tinned copper drain wires, and a PVC jacket. (UL) ITC-ER, PLTC-ER or CL3 105°C.

1. Conductor

- 1.1. AWG Size & Stranding: 16 AWG 7 Strands Class B
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 2 Pair

2. Insulation

- 2.1. Material: Polyvinylchloride/Nylon
- 2.2. Wall Thickness: 0.015" PVC & 0.005" Nylon
- 2.3. Color Code: Black & White Numbered Pairs

3. Assembly

- 3.1. Pair Binder: Clear Mylar
- 3.2. Pair Drain wire: 18 AWG 7 Strand Tinned Copper
- 3.3. Pair Shield: FFE Aluminum/Mylar Tape - 100% Coverage
- 3.4. Fillers: Non-Hygroscopic Polypropylene - As required for a circular cross-section
- 3.5. Cable Binder: Clear Mylar
- 3.4. Cable Shield: Aluminum/Mylar Tape - 100% Coverage
- 3.5. Cable Drain wire: 16 AWG 7 Strand Tinned Copper

4. Jacket

- 4.1. Material: Polyvinylchloride
- 4.2. Wall Thickness: 0.055"
- 4.3. Diameter: 0.521" ± 0.045"
- 4.4. Color: Black
- 4.5. Ripcord: Yes
- 4.6. Cold Bend Rating: -40°C
- 4.7. Weight: 148 Lbs/Mft

5. Markings

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E208158 16AWG 2PR SPOS 105C (UL) ITC-ER SUN RES OR PLTC-ER OR CL3 FT4 "WET LOCATIONS" "ROHS COMPLIANT" MADE IN USA
- 5.3. Footage Markers: Yes

6. Standards

- 6.1. Cable suitable for installations under NEC (NFPA 70) article 725 and article 727 guidelines
- 6.2. UL listed as type PLTC-ER & CL3 per UL standard 13 and as type ITC-ER per UL standard 2250
- 6.3. Cable is suitable for use in Class I Division 2 hazardous locations
- 6.4. Cable is UL approved for Sunlight Resistant Applications
- 6.5. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive & RoHS 3 2015/863/EU Directive
- 6.6. Cable is REACH compliant per Regulation (EC) No 1907/2006 (240) Updated January 23, 2024
- 6.7. Made in USA
- 6.8. ⚠️ WARNING: This product may contain chemicals, such as Vinyl Chloride, known to the state of California to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov. Wash hands after handling

ALL SPECIFIED PARAMETERS WITHOUT A TOLERANCE ARE NOMINAL AND SUBJECT TO VERIFICATION. LAKE CABLE IS NOT RESPONSIBLE FOR UNKNOWN PERFORMANCE ATTRIBUTES THAT WERE NOT MADE KNOWN TO LAKE CABLE AT THE TIME OF DESIGN.

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