



Specification Sheet

Lake Cable Part #: T182PRS-COMM-BLD

Description: 18 AWG 2 pairs 7 strand bare copper wire, PVC insulation, shielded, with an orange communication wire and an overall PVC jacket. (UL) ITC OR PLTC OR C(UL)US CMG 105°C SUN RES FT-4

1. Conductor

- 1.1. AWG Size & Stranding: 18 AWG 7 Strands Class B
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 2 Pairs

2. Insulation

- 2.1. Material: Polyvinylchloride
- 2.2. Wall Thickness: 0.016"
- 2.3. Color Code: Black & White numbered

3. Assembly

- 3.1. Pair Lay Length: 2.25" LHL (5.33 Tw/Ft)
- 3.2. Cable Lay Length: 5.50" LHL (2.18 Tw/Ft)
- 3.3. Cable Shield: Aluminum Mylar Tape - 100% Coverage
- 3.4. Cable Drain Wire: 18 AWG 7 Strand Tinned Copper
- 3.5. Communications Wire: 22AWG 7 Strand Bare Copper - .010" Orange PVC Insulation

4. Jacket

- 4.1. Material: Polyvinylchloride
- 4.2. Wall Thickness: 0.042"
- 4.3. Diameter: 0.351"± 0.030"
- 4.4. Color: Black
- 4.5. Ripcord: Yes
- 4.6. Weight: 65 Lbs/Mft

5. Markings

- 5.1. Type: Cable shall be permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E208158 18AWG 2PR SHIELDED + 22AWG ORANGE COMM WIRE 105°C (UL) ITC SUN RES OR PLTC OR CL3 FT-4 "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 & CL3 per UL standard 13 and as type ITC 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. Meets IEEE 1202 flame test
- 6.6. Cable is RoHS III compliant per Directive 2015/863/EU
- 6.7. Cable is REACH compliant per Regulation (EC) No 1907/2006 Updated July, 7 2017
- 6.8. Maximum Operating Voltage: 300V RMS
- 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