



Specification Sheet

Lake Cable Part #: T182

Description: 18AWG 2 conductor 7 strand bare copper wire, PVC insulation, unshielded, with an overall PVC jacket. (UL) ITC or PLTC 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 Conductors

2. Insulation

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

3. Assembly

- 3.1. Nominal Lay Length: 2.50" LHL (4.8 Tw/Ft)
- 3.2. Shield: N/A
- 3.3. Drain Wire: N/A

4. Jacket

- 4.1. Material: Polyvinylchloride
- 4.2. Wall Thickness: 0.035"
- 4.3. Diameter: 0.224"
- 4.4. Color: Black
- 4.5. Ripcord: Yes
- 4.6. Weight: 29 Lb/Mft

5. Markings

- 5.1. Type: Cable shall be permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E171202 18AWG 2C (UL) PLTC OR (UL) ITC 105°C OR (UL) CL3 SUN RES DIR BUR FT-4 "ROHS II" REACH MADE IN USA
- 5.3. Footage Markers: Yes

6. Nominal Electrical Characteristics

- 6.1. DC Resistance: 5.86 Ω/Mft @ 20°C
- 6.2. Impedance: 67.6 Ω ± 10%
- 6.3. Capacitance: 33.5 pF/ft ± 10%

7. Standards

- 7.1. Cable suitable for installations under NEC (NFPA 70) article 725 and article 727 guidelines
- 7.2. UL listed as type PLTC & CL3 per UL standard 13 and as type ITC per UL standard 2250
- 7.3. Cable is UL approved for Sunlight Resistant Applications
- 7.4. Cable is suitable for use in Class I Division II hazardous locations
- 7.5. Meets IEEE 1202 flame test
- 7.6. All materials used in the manufacture of this cable are RoHS II & REACH compliant
- 7.7. Maximum Operating Voltage: 300V
- 7.8. 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

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION