



Specification Sheet

Lake Cable Part #: P162CS

Description: 16 AWG 2 conductor 19 strand bare copper wire, plenum rated PVC insulation, shielded, with an overall plenum rated PVC jacket

1. Conductor

- 1.1. AWG Size & Stranding: 16 AWG 19 Strands Class C
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 2 Conductors

2. Insulation

- 2.1. Material: Plenum Rated Polyvinylchloride
- 2.2. Wall Thickness: 0.007"
- 2.3. Color Code: Black & Red

3. Assembly

- 3.1. Nominal Lay Length: 2.25" LHL (5.3 tw/ft)
- 3.2. Shield: Aluminum/Mylar Tape - 100% Coverage
- 3.3. Drain Wire: 24 AWG 7 Strands Tinned Copper

4. Jacket

- 4.1. Material: Plenum Rated Polyvinylchloride
- 4.2. Wall Thickness: 0.015"
- 4.3. Diameter: 0.176"
- 4.4. Color: Natural
- 4.5. Ripcord: Yes
- 4.6. Weight: 28 Lbs/Mft

5. Markings

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E171197 16AWG 2C (UL) CMP C(UL)US or (UL) CL3P OR (UL) FPLP 75°C FT-6 "ROHS II" REACH MADE IN USA
- 5.3. Footage Markers: Yes

6. Electrical Characteristics

- 6.1. Impedance: $28 \Omega \pm 10\%$
- 6.2. Capacitance: 69 pF/ft
- 6.3. DC Resistance: $4.15 \Omega/\text{Mft}$ @ 20°C

7. Standards

- 7.1. Cable suitable for installation under NEC (NFPA 70) articles 800, 725 and 760 guidelines
- 7.2. UL listed as CMP c(UL)us per UL standard 444, CL3P UL standard 13 & FPLP per UL standard 1424
- 7.3. All materials used in the manufacture of this cable are RoHS II & REACH compliant
- 7.4. Maximum Operating Voltage: 300V RMS
- 7.5. 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