



# Specification Sheet

## Lake Cable Part #: P162C-98/02

**Description:** 16 AWG 2 conductor 19 strand bare copper wire, plenum rated PVC insulation, unshielded, 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: 2.00" LHL (6.00 tw/ft)
- 3.2. Shield: N/A
- 3.3. Drain Wire: N/A

### 4. Jacket

- 4.1. Material: Plenum Rated Polyvinylchloride
- 4.2. Wall Thickness: 0.015"
- 4.3. Diameter: 0.171" ± 0.010"
- 4.4. Color: Natural/Red
- 4.5. Ripcord: Yes
- 4.6. Weight: 25 Lbs/Mft

### 5. Markings

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E171202 16AWG 2C 75°C (UL) CL3P OR FPLP OR C(UL)US CMP FT-6  
"ROHS II" MADE IN USA
- 5.3. Footage Markers: Yes

### 6. Electrical Characteristics

- 6.1. Impedance: 53 Ω ± 10%
- 6.2. Capacitance: 36 pF/ft ± 10%
- 6.3. DC Resistance: 4.3 Ω/Mft @ 20°C
- 6.4. Operating Voltage: 300V RMS Maximum

### 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. 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.

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Signature

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Company

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Date

**ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION**