



# Specification Sheet

## Lake Cable Part #: P162F-02/01

**Description:** 16 AWG 2 conductors solid bare copper wire with plenum rated PVC insulation, unshielded and overall plenum rated PVC jacket.

### 1. Conductor

- 1.1.AWG Size & Stranding: 16 AWG Solid
- 1.2.Material: Annealed Bare Copper
- 1.3.Conductor Count: 2 Conductors

### 2. Insulation

- 2.1.Material: Plenum Rated Polyvinylchloride
- 2.2.Wall Thickness: 0.009"
- 2.3.Color Code: Black, Red

### 3. Assembly

- 3.1.Nominal Lay Length: 2.25" LHL (5.33 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: 0.169" ± 0.010"
- 4.4.Color: Red / Brown
- 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. Nominal Electrical Characteristics

- 6.1.Conductor DCR: 4.02 Ω/Mft. @ 20°C Maximum
- 6.2.Impedance: 57 Ω
- 6.3.Capacitance: 33 pF/ft.
- 6.4.Operating Voltage: 300V RMS Maximum

### 7. Standards

- 7.1.Cable suitable for installation under NEC (NFPA 70) article 725, 760 & article 800 guidelines
- 7.2.UL listed as type CL3P per UL standard 13 and as type FPLP 75°C per UL standard 1424 and as type CMP c(UL)US per UL standard 444
- 7.3.All materials used in the manufacturing of this cable are RoHS II and 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**