



# Specification Sheet

## Lake Cable Part #: P162F-02/05

**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: 3.00" LHL (4.00 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: 0.170"
  - 4.4.Color: Red / Green Stripe
  - 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 E171203 16AWG 2C (UL) FPLP OR (UL) CMP C(UL)US OR (UL) CL3P  
75°C 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 you order; this item may be non-cancelable and non-returnable.**

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**Signature**

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**Company**

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