



# Specification Sheet

## Lake Cable Part #: P183C

**Description:** 18AWG 3 conductor 7 strand bare copper wire, plenum rated PVC insulation, shielded, with an overall plenum rated PVC jacket

### 1. Conductor

- 1.1. AWG Size & Stranding: 18 AWG 7 Strands Class B
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 3 Conductors

### 2. Insulation

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

### 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: 0.155"
- 4.4. Color: Natural
- 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 E171197 18AWG 3C (UL) CMP C(UL)US OR (UL) CL3P OR (UL) FPLP 75°C FT-6 "ROHS II" MADE IN USA
- 5.3. Footage Markers: Yes

### 6. Electrical Characteristics

- 6.1. Impedance: 59.5 Ω ± 10%
- 6.2. Capacitance (Pair): 31.8 pF/ft. ± 10%
- 6.3. DC Resistance: 6.60 Ω/Mft. @ 20°C

### 7. Standards

- 7.1. Refer to NEC (NFPA 70) article 725, 760 and article 800 for installation guidelines
- 7.2. UL listed as type CL3P per UL standard 13, type CMP c(UL)us 75°C FT-6 per UL standard 444, and as type FPLP per UL standard 1424
- 7.3. Cable suitable for installation under NFPA 90A guidelines
- 7.4. All materials used in the manufacture of this cable are RoHS II & REACH compliant
- 7.5. Maximum Operating Voltage: 300V RMS
- 7.6. 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**

**\*Client expressly indemnifies Lake Cable, LLC for any liabilities relating in any way to Lake Cable's placement of markings on the product, when such markings are specified for such placement by the client.**