



# Specification Sheet

## Lake Cable Part #: 163CS-CPS

**Description:** 16 AWG 3 conductor 19 strand bare copper wire with PVC insulation, shielded, and an overall PVC jacket for low-voltage electronic cable applications.

### 1. Conductor

- 1.1.AWG Size & Stranding: 16 AWG 19 Strands Class C
- 1.2.Material: Annealed Bare Copper
- 1.3.Conductor Count: 3 Conductors

### 2. Insulation

- 2.1.Material: Polyvinylchloride
- 2.2.Wall Thickness: 0.008"
- 2.3.Diameter: 0.072" ± 0.002"
- 2.4.Color Code: Black, Red, White

### 3. Assembly

- 3.1.Nominal Lay Length: 3.00" LHL (4.0 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: Tube Extruded Polyvinylchloride
- 4.2.Wall Thickness: 0.015"
- 4.3.Diameter: 0.188" ± 0.015"
- 4.4.Color: Gray
- 4.5.Ripcord: Yes
- 4.6.Weight: 36 Lbs/Mft

### 5. Markings

- 5.1.Type: Cable permanently identified via surface inkjet print
- 5.2.Legend: COPAR SOLUTIONS E171202 16AWG 3C SHIELDED 75C (UL) CL3R SUN RES OR FPLR OR C(UL)US CMR FT4 "ROHS COMPLIANT" MADE IN USA
- 5.3.Footage Markers: Yes (Ascending/Descending)

### 7. Standards

- 7.1.Cable suitable for installation under NEC (NFPA 70) articles 800, 725 and 760 guidelines
- 7.2.Cable suitable for installation in Canada under Section 60 of CEC, Part I
- 7.3.C(UL)US listed as CMR per UL standard 444 and per CSA C22.2 No. 214-17
- 7.4.UL listed as CL3R per UL standard 13 or FPLR per UL standard 1424
- 7.5.Cable meets (UL) 1666 vertical shaft flame test
- 7.6.Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- 7.7.Operating Voltage: 300V RMS
- 7.8.Made in the USA
- 7.9. **WARNING:** This product may contain chemicals, such as Vinyl Chloride, known to the state of California to cause cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov). Wash hands after handling

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

---

Date

**ALL SPECIFIED PARAMETERS WITHOUT A TOLERANCE ARE NOMINAL AND SUBJECT TO VERIFICATION. LAKE CABLE IS NOT RESPONSIBLE FOR UNKNOWN PERFORMANCE ATTRIBUTES THAT WERE NOT MADE KNOWN TO LAKE CABLE AT THE TIME OF DESIGN.**