



# Specification Sheet

## Lake Cable Part #: PSS187

**Description:** 18 AWG 7 conductor 7 strand bare copper wire, plenum rated polyvinylidene fluoride (Solef) insulation, unshielded, with an overall plenum rated polyvinylidene fluoride (Solef) jacket

### 1. Conductor

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

### 2. Insulation

- 2.1. Material: Solef (PVDF)
- 2.2. Wall Thickness: 0.015"
- 2.3. Diameter: 0.075" ± 0.002"
- 2.4. Color Code: Violet, Gray, Green, Brown, Blue, Yellow, Orange

### 3. Assembly

- 3.1. Nominal Lay Length: 3.50" LHL (3.42 Tw/Ft)

### 4. Jacket

- 4.1. Material: Solef (PVDF)
- 4.2. Wall Thickness: 0.020"
- 4.3. Diameter: 0.265" ± 0.020"
- 4.4. Color: White
- 4.5. Ripcord: No
- 4.6. Weight: 127 Lbs/Mft

### 5. Markings

- 5.1. Type: Cable shall be permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E171202 18AWG 7C 150C (UL) CL3P OR FPLP OR C(UL)US CMP FT6 "ROHS COMPLIANT" MADE IN USA
- 5.3. Footage Markers: Yes

### 6. Standards

- 6.1. Cable suitable for installation under NEC (NFPA 70) articles 800, 725 and 760 guidelines
- 6.2. Cable suitable for installation in Canada under Section 60 of CEC, Part I
- 6.3. C(UL)US listed as CMP per UL standard 444 and per CSA C22.2 No. 214-17
- 6.4. UL listed as CL3P per UL standard 13 or FPLP per UL standard 1424
- 6.5. Cable meets NFPA 262 (Steiner tunnel) flame test
- 6.6. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- 6.7. Cable is REACH compliant per Regulation (EC) No 1907/2006 (197) Updated January 15, 2019
- 6.8. Operating Voltage: 300V RMS
- 6.9. Made in the USA
- 6.10. ⚠️ 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.

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Signature

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Company

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Date

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