



# Specification Sheet

## Lake Cable Part #: 182C/X1

**Description:** 18 AWG 2 conductor 7 strand bare copper wire with PVC insulation, unshielded and overall PVC jacket for low-voltage electronic cable applications.

**1. Conductor**

- 1.1.AWG Size & Stranding: 18 AWG 7 Strands Class B
- 1.2.Material: Annealed Bare Copper
- 1.3.Conductor Count: 2 Conductors

**2. Insulation**

- 2.1.Material: Polyvinylchloride
- 2.2.Wall Thickness: 0.007"
- 2.3.Color Code: Purple, Gray

**3. Assembly**

- 3.1.Nominal Lay Length: 3.00" LHL (4.00 Tw/Ft)

**4. Jacket**

- 4.1.Material: Polyvinylchloride
- 4.2.Wall Thickness: 0.015"
- 4.3.Diameter: 0.148" ± 0.015"
- 4.4.Color: Gray
- 4.5.Ripcord: Yes
- 4.6.Weight: 16 Lbs/Mft

**5. Markings**

- 5.1.Type: Cable permanently identified via surface inkjet print
- 5.2.Legend: LAKE CABLE E171202 18AWG 2C 75°C (UL) CL3R SUN RES OR FPLR OR C(UL)US  
CMR FT-4 "ROHS COMPLIANT" MADE IN USA
- 5.3.Footage Markers: Yes

**6. Electricals**

- 6.1.Impedance: 63 Ω ± 10%
- 6.2.Capacitance: 28.3 pF/ft. ± 10%
- 6.3.DC Resistance: 5.8 Ω/Mft. @ 20°C

**7. Standards**

- 7.1.Cable suitable for installation under NEC (NFPA 70) articles 800 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 and FPLR per UL standard 1424
- 7.5.Cable is RoHS III compliant per Directive 2015/863/EU
- 7.6.Cable is REACH compliant per Regulation (EC) No 1907/2006 Updated July, 7 2017
- 7.7.Maximum Operating Voltage: 300V RMS
- 7.8.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**