



Specification Sheet

Lake Cable Part #: P182CS/20DR-K1

Description: 18 AWG 2 conductor 7 strands bare copper wire with plenum rated PVC insulation, shielded, with an overall plenum rated PVC jacket for low voltage electronic 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: Plenum Rated Polyvinylchloride
- 2.2. Wall Thickness: 0.007"
- 2.3. Diameter: 0.059" \pm 0.002"
- 2.4. Color Code: Black, White

3. Assembly

- 3.1. Nominal Lay Length: 3.00" LHL (4.00 Tw/Ft), Nominal
- 3.2. Shield: Aluminum/Mylar Tape - 100% Coverage
- 3.3. Drain Wire: 20 AWG 7 Strands Tinned Copper

4. Jacket

- 4.1. Material: Tube Extruded Plenum Rated PVC
- 4.2. Wall Thickness: 0.015"
- 4.3. Diameter: 0.150" \pm 0.015"
- 4.4. Color: Natural
- 4.5. Ripcord: Yes
- 4.6. Weight: 21 Lbs/Mft


5. Markings*

- 5.1. Type: Cable shall be permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E171202 18AWG 2C SHIELDED 75C (UL) CL3P OR FPLP OR C(UL)US
CMP FT6 "ROHS COMPLIANT" MADE IN USA
- 5.3. Footage Markers: Yes (Ascending/Descending)

6. Nominal Electrical Characteristics

- 6.1. Impedance: 33 Ω
- 6.2. Capacitance: 57 pF/ft
- 6.3. DC Resistance: 6.60 Ω /Mft. @ 20°C Max

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 CMP per UL standard 444 and per CSA C22.2 No. 214-17
- 7.4. UL listed as CL3P per UL standard 13 or FPLP per UL standard 1424
- 7.5. Cable meets NFPA 262 (Steiner tunnel) 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. Cable is REACH compliant per Regulation (EC) No 1907/2006 (240) Updated January 23, 2024
- 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. 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.