



Specification Sheet

Lake Cable Part #: C201PRS222EPSFPT-06

Description: Two element composite cable with an overall PVC jacket. (UL) CM OR AWM 2919

- 22 AWG 2PR 7 Strands TC Foam PE Insulation EPS
- 20 AWG 1PR 7 Strands TC PVC Insulation Shielded

Element 1: 22 AWG 2PR 7 Strands TC Foam PE Insulation EPS

- Conductor**
 - 1.1. AWG Size & Stranding: 22 AWG 7 Strands Class B
 - 1.2. Material: Annealed Tinned Copper
 - 1.3. Conductor Count: 2 Pairs
- Insulation**
 - 2.1. Material: Foamed Polyethylene
 - 2.2. Wall Thickness: 0.016"
 - 1.1. Color Code: Light Blue x Dark Green, Black x White
- Assembly**
 - 3.1. Each Pair Lay Length: 2.75" LHL (4.36 tw/ft)
 - 3.2. Each Pair Shield: Aluminum/Mylar Tape - 100% Coverage (Aluminum Side Out)
 - 3.3. Drain Wire: None
- Electricals**
 - 4.1. Impedance: 90 Ω ± 10%
 - 4.2. Capacitance: 15 pF/ft. ± 10%
 - 4.3. DC Resistance: 15.7 Ω/Mft @ 20°C

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

Element 2: 20 AWG 1PR 7 Strands TC PVC Insulation Shielded

- Conductor**
 - 5.1. AWG Size & Stranding: 20 AWG 7 Strands Class B
 - 5.2. Material: Annealed Tinned Copper
 - 5.3. Conductor Count: 1 Pair
- Insulation**
 - 6.1. Material: Polyvinylchloride
 - 6.2. Wall Thickness: 0.010"
 - 6.3. Color Code: Purple x Gray
- Assembly**
 - 7.1. Pair Lay Length: 2.75" LHL (4.36 tw/ft)
 - 7.2. Pair Shield: Aluminum/Mylar Tape - 100% Coverage (Aluminum Side Out)
 - 7.3. Drain Wire: None



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8. Electrical Characteristics

- 8.1. Impedance: 23 $\Omega \pm 10\%$
- 8.2. Capacitance: 59 pF/ft $\pm 10\%$
- 8.3. DC Resistance: 10.7 Ω /Mft @ 20°C

Overall Cable Assembly

9. Assembly - Elements 1 - 2

- 9.1. Cable Lay Length: 6.00 LHL (2.00 tw/ft), Nominal
- 9.2. Drain: 22 AWG 7 Strands Tinned Copper (Common Drain Wire)
- 9.3. Braid: Tinned Copper - 95% Coverage

10. Jacket

- 10.1. Material: Polyvinylchloride
- 10.2. Wall Thickness: 0.032"
- 10.3. Diameter: 0.310" ± 0.012 "
- 10.4. Color: Light Blue
- 10.5. Ripcord: Yes
- 10.6. Weight: 71 Lbs/Mft

11. Markings

- 11.1. Type: Cable permanently identified via surface inkjet print
- 11.2. Legend: LAKE CABLE E171197 22AWG 2PR + 20AWG 1PR EPS 75°C C(UL)US CM OR AWM 2919 80°C 30V "ROHS COMPLIANT" MADE IN USA
- 11.3. Footage Markers: Yes

12. Standards

- 12.1. Cable suitable for installation under NEC (NFPA 70) article 800 guidelines
- 12.2. UL listed as CM c(UL)US per UL standard 444
- 12.3. UL Recognized component as AWM Style 2919 30V 80°C per UL standard 758
- 12.4. Cable is RoHS III compliant per Directive 2015/863/EU
- 12.5. Cable is REACH compliant per Regulation (EC) No 1907/2006 Updated July, 7 2017
- 12.6. Maximum Operating Voltage: 300V RMS
- 12.7. Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION