



Specification Sheet

Lake Cable Part #: C207PRSTBRD-18

Description: 20 AWG 7 pair 7 strands tinned copper wire with SRPVC insulation, shielded, a tinned copper braid shield, and an overall PVC jacket for low-voltage electronic cable applications.

1. Conductor

- 1.1.AWG Size & Stranding: 20 AWG 7 Strands Class B
- 1.2.Material: Annealed Tinned Copper
- 1.3.Conductor Count: 7 Pairs

2. Insulation

- 2.1.Material: Semi-Rigid Polyvinylchloride
- 2.2.Wall Thickness: 0.010"
- 2.3.Diameter: 0.055" ± 0.002"
- 2.4.Color Code: White/Blue x Blue/White, White/Orange x Orange/White, White/Green x Green/White, White/Brown x Brown/White, White/Grey x Grey/White, Red/Blue x Blue/Red, Red/Orange x Orange/Red

3. Assembly

- 3.1.Pair Lay Length: 1.75" LHL (6.85 Tw/Ft)
- 3.2.Cable Lay Length: 4.00" LHL (3.00 Tw/Ft)
- 3.3.Shield: Aluminum/Mylar - 100% Coverage
- 3.4.Drain Wire: 24 AWG 7 Strands Tinned Copper
- 3.5.Braid: Tinned Copper - 70% Coverage

4. Jacket

- 4.1.Material: Polyvinylchloride
- 4.2.Wall Thickness: 0.035"
- 4.3.Diameter: 0.363" ± 0.029"
- 4.4.Color: Gray
- 4.5.Ripcord: Yes
- 4.6.Weight: 96 Lbs/Mft

5. Markings

- 5.1.Type: Cable permanently identified via surface inkjet print
- 5.2.Legend: LAKE CABLE E171197 20AWG 7PR 75C C(UL)US CMG SUN RES FT4 OR AWM 2464 300V 80C "ROHS COMPLIANT" MADE IN USA
- 5.3.Footage Markers: Yes, Ascending/Descending

6. Nominal Electrical Characteristics

- 6.1. Impedance: 82 Ω ± 10%
- 6.2.Capacitance: 21 pF/ft. ± 10%
- 6.3.DC Resistance: 10.72 Ω/Mft. @ Max 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



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Lake Cable Part #: C227PRSTBRD-18

7. Standards

- 7.1. Cable suitable for installation under NEC (NFPA 70) article 800 guidelines
- 7.2. Cable suitable for installation in Canada under Section 60 of CEC, Part I
- 7.3. C(UL)US listed as CMG per UL standard 444 and per CSA C22.2 No. 214-17
- 7.4. UL recognized component as AWM 2464, 80°C, 300V per UL standard 758
- 7.5. For internal wiring or external interconnection of electronic equipment
- 7.6. Cable meets (UL) 1685 FT4 flame test
- 7.7. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- 7.8. Cable is REACH compliant per Regulation (EC) No 1907/2006 (223) Updated January 17, 2022
- 7.9. Made in the USA
- 7.10. **⚠️ 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. Wash hands after handling

**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.**

