



Specification Sheet

Lake Cable Part #: C2415CSTBRD-45

Description: 24 AWG 15 conductors 7 strand tinned copper wire, SRPVC insulation, an aluminum/mylar shield, a tinned copper braid shield and an overall PVC jacket.

1. Conductor

- 1.1. AWG Size & Stranding: 24 AWG 7 Strands Class B
- 1.2. Material: Annealed Tinned Copper
- 1.3. Conductor Count: 15 Conductors

2. Insulation

- 2.1. Material: Semi-Rigid Polyvinylchloride
- 2.2. Wall Thickness: 0.011"
- 2.3. Diameter: 0.045" ± 0.002"
- 2.4. Color Code: Black, White, Red, Green, Orange, Blue, White/Black, Red/Black, Green/Black, Orange/Black, Blue/Black, Black/White, Red/White, Green/White & Blue/White

3. Assembly

- 3.1. Nominal Lay Length: 3.25" LHL (3.69 tw/ft)
- 3.2. Shield: Aluminum/Mylar Tape - 100% Coverage (Foil Facing Out)
- 3.3. Braid Shield: Tinned Copper - 65% Coverage

4. Jacket

- 4.1. Material: Polyvinylchloride
- 4.2. Wall thickness: 0.035"
- 4.3. Diameter: 0.293" ± 0.020"
- 4.4. Color: Chrome Gray
- 4.5. Ripcord: Yes
- 4.6. Weight: 57 Lbs/Mft

5. Markings

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E171197 24AWG 15C SHIELDED 75C C(UL)US SUN RES FT4 OR AWM 2464 300V 80C "ROHS COMPLIANT" MADE IN USA CE
- 5.3. Footage Markers: Yes, Ascending/Descending

6. Nominal Electrical Characteristics

- 6.1. Capacitance: 30 pF/ft (Conductor to Conductor)
- 6.2. DC Resistance: 25 Ω/Mft @ 20°C

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 (235) Updated June 14, 2023
- 7.9. Operating Voltage: 300V RMS
- 7.10. Made in the USA

7.11. ⚠️ **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.

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