



Specification Sheet

Lake Cable Part #: C2225CT-2464

Description: 22AWG 25 conductor 7 strand tinned copper wire, SRPVC insulation, unshielded, with an overall PVC jacket.

1. Conductor

- 1.1. AWG Size & Stranding: 22 AWG 7 Strands Class B
- 1.2. Material: Annealed Tinned Copper
- 1.3. Conductor Count: 25 Conductors

2. Insulation

- 2.1. Material: Semi-Rigid Polyvinylchloride
- 2.2. Wall Thickness: 0.010"
- 2.3. Diameter: 0.048" +/- 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, Black/Red, White/Red, Orange/Red, Blue/Red, Red/Green, Orange/Green, Black/White/Red, White/Black/Red, Red/Black/White, Green/Black/White

3. Assembly

- 3.1. Cable Lay Length: 4.50" LHL (2.66 Tw/Ft)
- 3.2. Binder: Clear Mylar - 100% Coverage

4. Jacket

- 4.1. Material: Polyvinylchloride
- 4.2. Wall thickness: 0.040"
- 4.3. Diameter: 0.361" ± 0.030"
- 4.4. Color: Chrome Gray
- 4.5. Ripcord: Yes
- 4.6. Weight: 96 Lbs/Mft

5. Markings

- 5.1. Type: Cable shall be permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E171197 22AWG 25C 75C C(UL)US CMG SUN RES FT4 OR AWM 2464 300V 80C OR AWM 2576 150V 80C "ROHS COMPLIANT" MADE IN USA
- 5.3. Footage Markers: Yes Ascending/Descending

6. Standards

- 6.1. Cable suitable for installation under NEC (NFPA 70) article 800 guidelines
- 6.2. Cable suitable for installation in Canada under Section 60 of CEC, Part I
- 6.3. C(UL)US listed as CMG per UL standard 444 and per CSA C22.2 No. 214-17
- 6.4. UL recognized component as AWM 2464, 80°C, 300V & AWM 2576, 150V, 80°C per UL standard 758
- 6.5. Cable meets (UL) 1685 FT4 flame test
- 6.6. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- 6.7. Cable is REACH compliant per Regulation (EC) No 1907/2006 (240) Updated January 23, 2024
- 6.8. Operating Voltage: 300V RMS
- 6.9. Made in the USA
- 6.10. **⚠️ 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

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.

[Handwritten Signature]

Signature

Federal Signal

Company

8-6-24

Date

Wire Stripping must be legible. No fading

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