



Specification Sheet

Lake Cable Part #: ZH222PRCT/X1

Description: 22 AWG 2 Pairs 7 strand tinned copper wire, LSZH insulation, unshielded, and an overall LSZH jacket

1. Conductor

- 1.1. AWG Size & Stranding: 22 AWG 7 Strands Class B
- 1.2. Material: Annealed Tinned Copper
- 1.3. Conductor Count: 4 Conductors

2. Insulation

- 2.1. Material: Low Smoke Zero Halogen Polyolefin
- 2.2. Wall Thickness: 0.0016"
- 2.3. Diameter: 0.060" +/- 0.002"
- 2.4. Color Code: Black x Red, White x Green

3. Assembly

- 3.1. Pair Lay Length: 1.50" LHL (8.00 tw/ft)
- 3.2. Nominal Lay Length: 2.50" LHL (4.80 tw/ft)

4. Jacket

- 4.1. Material: Flame Retardant Low Smoke Zero Halogen Polyolefin
- 4.2. Wall Thickness: 0.023"
- 4.3. Diameter: 0.244" +/- 0.020"
- 4.4. Color: Gray
- 4.5. Ripcord: Yes
- 4.6. Bend Radius: 1.95" (8xOD)
- 4.7. Weight: 23 Lbs/Mft

5. Markings

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E171202 22AWG 2PR 90C (UL) CL3R-ST1 SUN RES OR CMR-ST1 FT4
"ROHS COMPLIANT" MADE IN USA
- 5.3. Footage Markers: Yes, Ascending/Descending

6. Nominal Electrical Characteristics

- Impedance: 100 Ω
- Capacitance: 18.6 pF/ft.
- DC Resistance: 17.04 Ω /Mft. @ 20°C Maximum

7. Standards

- 7.1. Flame Retardant - Flame Rating Equivalent to IEC 60332-3-2
- 7.2. Cable is compliant with NFPA 130
- 7.3. Cable suitable for installation under NEC (NFPA 70) articles 800 guidelines
- 7.4. Cable suitable for installation in Canada under Section 60 of CEC, Part I
- 7.5. C(UL)US listed as CMR-st1 per UL standard 444 and per CSA C22.2 No. 214-17
- 7.6. Meets IEEE383 & UL 1581 (1685) 70,000 BTU/HR flame test
- 7.7. UL approved for Sunlight Resistant & Low Smoke applications
- 7.8. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- 7.9. Cable is REACH compliant per Regulation (EC) No 1907/2006 (242) Updated November 7, 2024
- 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