



# Specification Sheet

## Lake Cable Part #: P223C/NR

**Description:** 22 AWG 3 conductors 7 strands bare copper wire, plenum rated PVC insulation, unshielded, with an overall plenum rated PVC jacket.

### 1. Conductor

- 1.1. AWG Size & Stranding: 22 AWG 7 Strands Class B
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 3 Conductors

### 2. Insulation

- 2.1. Material: Plenum Rated Polyvinylchloride
- 2.2. Wall Thickness: 0.007"
- 2.3. Diameter: 0.042" ± 0.002"
- 2.4. Color Code: Black, Red, White

### 3. Assembly

- 3.1. Nominal Lay Length: 3.00" LHL (4.00 tw/ft)
- 3.2. Shield: N/A
- 3.3. Drain Wire: N/A

### 4. Jacket

- 4.1. Material: Plenum Rated Polyvinylchloride
- 4.2. Wall Thickness: 0.015"
- 4.3. Diameter: 0.120" ± 0.010"
- 4.4. Color: Natural
- 4.5. Ripcord: No
- 4.6. Weight: 12 Lbs/Mft

### 5. Markings

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E171202 22AWG 3C 75C (UL) CL3P OR FPLP OR C(UL)US CMP FT6 "ROHS COMPLIANT" MADE IN USA
- 5.3. Footage Markers: Yes (Ascending/Descending)

### 6. Electrical Characteristics

- 6.1. Impedance: 70 Ω ± 10%
- 6.2. Capacitance: 27 pF/ft ± 10%
- 6.3. DC Resistance: 16.6 Ω/Mft @ 20°C

### 7. Standards

- 7.1. Cable suitable for installation under NEC (NFPA 70) articles 800, 725 and 760 guidelines
- 7.2. Cable suitable for installation in Canada under Section 60 of CEC, Part I
- 7.3. C(UL)US listed as CMP per UL standard 444 and per CSA C22.2 No. 214-17
- 7.4. UL listed as CL3P per UL standard 13 or FPLP per UL standard 1424
- 7.5. Cable meets NFPA 262 (Steiner tunnel) flame test
- 7.6. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- 7.7. Cable is REACH compliant per Regulation (EC) No 1907/2006 (219) Updated January 15, 2021
- 7.8. Operating Voltage: 300V RMS
- 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](http://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.

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Signature

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Company

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Date