



Specification Sheet

Lake Cable Part #: PFF223CST-04/06CERCO

Description: 22 AWG 3 conductors 7 strands tinned copper wire with plenum-rated foamed FEP insulation, shielded, with an overall plenum rated 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: 3 Conductors

2. Insulation

- 2.1. Material: Plenum Rated Foamed FEP
- 2.2. Wall Thickness: 0.018"
- 2.3. Diameter: 0.064" $\pm$ 0.002"
- 2.4. Color Code: Red, Black, Green

3. Cable Assembly

- 3.1. Cable Lay Length: 2.00" LHL (6.00 Tw/Ft)
- 3.2. Shield: Aluminum/Mylar Tape - 100% Coverage (Foil Out)
- 3.3. Drain Wire: 24 AWG 7 Strands Tinned Copper

4. Jacket

- 4.1. Material: Tube Extruded Plenum Rated Polyvinylchloride
- 4.2. Wall Thickness: 0.015"
- 4.3. Diameter: 0.170" $\pm$ 0.015"
- 4.4. Color: Yellow/Blue
- 4.5. Ripcord: Yes
- 4.6. Weight: 21 Lbs/Mft

5. Markings*

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: CERCO CABLE WWW.CERCOCABLE.COM #32-F03-8-6 E171202 22AWG 3C SHIELDED 75C (UL) CL3P OR FPLP OR C(UL)US CMP FT6 "ROHS COMPLIANT" MADE IN USA
- 5.3. Footage Markers: Yes (Ascending/Descending)

6. Nominal Electrical Characteristics

- 6.1. Impedance: 105 Ω
- 6.2. Capacitance: 12.14 pF/ft
- 6.3. DC Resistance: 17.04 Ω /Mft @ 20°C Maximum
- 6.4. Propagation Velocity: 78%
- 6.5. Cond to Shield: 21.85pf/ft
- 6.6. Inductance: 0.134 (μ H/ft)

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. Operating Temperature: -20C to 75C
- 7.7. Operation Voltage: 300V
- 7.8. Electrical Parameters have a Tolerance of +/- 10%
- 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

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.

Mohammad Jafari

Signature

Cerco Cable

Company

2026-09-08

Date



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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.

