



Specification Sheet

Lake Cable Part #: PFF242CST-03/485CERCO

Description: 24 AWG 2 conductors 7 strands tinned copper wire, Foamed FEP insulation, an aluminum/mylar tape shield with a stranded tinned copper drain wire and an overall plenum rated 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: 2 Conductors

2. Insulation

- 2.1. Material: Foamed FEP
- 2.2. Wall Thickness: 0.021"
- 2.3. Diameter: 0.065" +/- 0.002"
- 2.4. Color Code: White, Blue/White

3. Cable Assembly

- 3.1. Nominal Lay Length: 2.00" LHL (6.00 tw/ft)
- 3.2. Shield: Aluminum/Myar Tape - 100% Coverage
- 3.3. Drain Wire: 24 AWG 7 Strands Tinned Copper

4. Jacket

- 4.1. Material: Plenum Rated Polyvinylchloride
- 4.2. Wall Thickness: 0.015"
- 4.3. Diameter: 0.162" +/- 0.010"
- 4.4. Color: Orange
- 4.5. Ripcord: Yes
- 4.6. Bend Radius: 2.0" Static / 3.0" Dynamic
- 4.7. Weight: 15 Lbs/Mft

5. Markings

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: CERCO CABLE WWW.CERCOCABLE.COM #8320A E171202 24AWG 2C SHIELDED 75C (UL) CL3P OR FPLP OR C(UL)US CMP FT6 --- "RS-485 STANDARD" --- "ROHS COMPLIANT" MADE IN USA
- 5.3. Footage Markers: Yes, Ascending/Descending

6. Nominal Electrical Characteristics

- 6.1. Impedance: 120 Ω
- 6.2. Capacitance: 11 pF/ft
- 6.3. DC Resistance: 24.5 Ω /Mft @ 20°C
- 6.4. Capacitance/Shield: 19.6 pf/ft
- 6.5. Inductance: 0.156 μ H/ft
- 6.6. Electrical Parameters may vary by up to +/-10%, as per standards

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

2026-04-16

Date



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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. Made in the USA
- 7.7. Due to the frequent updates to regulations, specifically California Proposition 65, EU REACH SVHCs and ROHS please contact Lake Cable for the most up to date compliance statement.
- 7.8. ⚠️ 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.