



Specification Sheet

Lake Cable Part #: PFF242CSTBRD-03CERCO

Description: 24 AWG 2 conductor 7 strand tinned copper wire, plenum rated Foam FEP insulation, shielded, braided, with 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: Plenum rated Foam FEP
- 2.2. Wall Thickness: 0.021"
- 2.3. Diameter: 0.065" $\pm$ 0.002"
- 2.4. Color Code: White/Blue, Blue/White

3. Assembly

- 3.1. Nominal Lay Length: 2.00" LHL (6.00 Tw/Ft)
- 3.2. Shield: Aluminum/Mylar Tape - 100% Coverage (Foil Facing Out)
- 3.3. Drain Wire: 24 AWG 7 Strand Tinned Copper
- 3.4. Braid: 36 AWG Tinned Copper - 90% Coverage

4. Jacket

- 4.1. Material: Plenum Rated Polyvinylchloride
- 4.2. Wall Thickness: 0.017"
- 4.3. Diameter: 0.187" $\pm$ 0.015"
- 4.4. Color: Orange
- 4.5. Ripcord: Yes
- 4.6. Bend Radius: 2.2" Static / 3.3" Dynamic
- 4.7. Weight: 25 Lbs/Mft

5. Markings

- 5.1. Type: Cable shall be permanently identified via surface inkjet print
- 5.2. Legend: CERCO CABLE WWW.CERCOCABLE.COM #8321 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 Electricals Characteristics

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

2026-04-24

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. Operating Voltage: 300V RMS
- 7.7. Made in the USA
- 7.8. Due to the frequent updates to regulations, EU REACH SVHCs and ROHS please contact Lake Cable for the most up to date compliance statement.
- 7.9. ⚠️ WARNING: This product may contain chemicals that pose a risk of cancer from exposure to Vinyl Chloride and reproductive harm from exposure to Di-isodecyl Phthalate (DIDP). Visit: www.P65Warnings.ca.gov

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.