



Specification Sheet

Lake Cable Part #: PFF242CST/X-03CERCO

Description: 24AWG 2 conductor 7 strand tinned copper wire, plenum rated Foam FEP insulation, shielded, with an overall plenum rated PVC jacket

1. Conductor

- 1.1. AWG Size & Stranding: 24AWG 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: 0.016"
- 2.3. Diameter: 0.055" $\pm$ 0.002"
- 2.4. Color Code: White, Blue/White

3. Assembly

- 3.1. Nominal Lay Length: 1.75" LHL (6.86 Tw/Ft)
- 3.2. Shield: Aluminum/Mylar Tape - 100% Coverage
- 3.3. Drain Wire: 24 AWG 7 Strand Tinned Copper

4. Jacket

- 4.1. Material: Plenum Rated PVC
- 4.2. Wall Thickness: 0.015"
- 4.3. Diameter: 0.142" $\pm$ 0.015"
- 4.4. Color: Orange
- 4.5. Ripcord: Yes
- 4.6. Weight: 12 Lbs/Mft

5. Markings*

- 5.1. Type: Cable shall be permanently identified via surface inkjet print
- 5.2. Legend: CERCO CABLE WWW.CERCOABLE.COM E171202 24AWG 2C SHIELDED 75C (UL) CL3P OR FPLP OR C(UL)US CMP FT6 MADE IN USA AT-HOM 29 #8320
A B C D E F G H J I J LOW CAPACITANCE ROHS FT-6
- 5.3. Footage Markers: Yes, Ascending/Descending

6. Nominal Electrical Characteristics

- 6.1. Impedance: 100 Ω
- 6.2. Capacitance: 12.5 pF/ft.
- 6.3. DC Resistance: 23.8 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 (240) Updated January 23, 2024
- 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. 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.

***Client expressly indemnifies Lake Cable, LLC for any liabilities relating in any way to Lake Cable's placement of markings on the product, when such markings are specified for such placement by the client**

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.

Tamra Canty-Currie
Signature

Cerco Cable

Company

05/21/2024

Date