



Specification Sheet

Lake Cable Part #: PFF241.5PRST-03CERCO

Description: 24 AWG 1 pair & 1 conductor 7 strands tinned copper wire with foam FEP plenum rated insulation, shielded, with an overall plenum rated PVC jacket.

Element 1: 24 AWG 1 Pair foam FEP insulated

1. **Conductor**
 - 1.1. AWG Size & Stranding: 24 AWG 7 Strand Class B
 - 1.2. Material: Annealed Tinned Copper
 - 1.3. Conductor Count: 1 Pair
2. **Insulation**
 - 2.1. Material: Plenum Rated Foam FEP
 - 2.2. Wall Thickness: 0.019"
 - 2.3. Diameter: 0.061 ± 0.002
 - 2.4. Color Code: Blue x White/Blue
3. **Assembly**
 - 3.1. Pair Lay Length: 1.50" LHL (8.0 Tw/Ft)

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

2026-08-31

Date

Element 2: 24 AWG 1 Conductor foam FEP insulated

4. **Conductor**
 - 4.1. AWG Size & Stranding: 24 AWG 7 Strand Class B
 - 4.2. Material: Annealed Tinned Copper
 - 4.3. Conductor Count: 1 Conductor
5. **Insulation**
 - 5.1. Material: Plenum Rated Foam FEP
 - 5.2. Wall Thickness: 0.019"
 - 5.3. Diameter: 0.061 ± 0.002
 - 5.4. Color Code: White/Orange

Overall Assembly

6. **Assembly Element 1 and 2**
 - 6.1. Cable Lay Length: 3.00" LHL (4.00 Tw/Ft)
 - 6.2. Cable Shield: Aluminum/Mylar Tape - 100% Coverage
 - 6.3. Cable Drain Wire: 24 AWG 7 Strands Tinned Copper
7. **Jacket**
 - 7.1. Material: Plenum Rated Polyvinylchloride
 - 7.2. Wall Thickness: 0.016"
 - 7.3. Diameter: $0.195" \pm 0.016"$
 - 7.4. Color: Orange
 - 7.5. Ripcord: Yes
 - 7.6. Weight: 19 Lbs/Mft

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8. Nominal Electrical Characteristics

- 8.1. Impedance: 100 Ω
- 8.2. Capacitance: 12.5 pF/ft.
- 8.3. DC Resistance: 24.5 Ω /Mft. @ Max 20°C
- 8.4. Propagation Velocity: 78%

9. Markings*

- 9.1. Type: Cable permanently identified via surface inkjet print
- 9.2. Legend: CERCO CABLE WWW.CERCOCABLE.COM E171202 24AWG 1PR + 24AWG 1C 75C (UL) CL3P OR C(UL)US CMP FT6 "RHOHS COMPLIANT" MADE IN USA AT-HOM 29 #8320.5 A B C D E F G H I J LOW CAPACITANCE
- 8.3 Footage Markers: Yes (Ascending/ Descending)

10. Standards

- 10.1. Cable suitable for installation under NEC (NFPA 70) articles 800, 725 and 760 guidelines
- 10.2. Cable suitable for installation in Canada under Section 60 of CEC, Part I
- 10.3. C(UL)US listed as CMP per UL standard 444 and per CSA C22.2 No. 214-17
- 10.4. UL listed as CL3P per UL standard 13 or FPLP per UL standard 1424
- 10.5. Cable meets NFPA 262 (Steiner tunnel) flame test
- 10.6. Operating Voltage: 300V RMS
- 10.7. Made in the USA
- 10.8. Due to the frequent updates to regulations, EU REACH SVHCs and ROHS please contact Lake Cable for the most up to date compliance statement.
- 10.9. 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.