



Specification Sheet


Lake Cable Part #: PFF241.5PRS/X

Description: 24 AWG 1 pair and 1 conductor 7 strand bare copper wire, 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 Bare Copper
 - 1.3. Conductor Count: 1 Pair
- 2. Insulation**
 - 2.1. Material: Plenum Rated Foam FEP
 - 2.2. Wall Thickness: 0.019"
 - 2.3. Color Code: Blue x Blue/White
- 3. Assembly**
 - 3.1. Pair Lay Length: 1.00" LHL (12.00 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.



 Signature

 ONicon Incorporated
 Company

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 Bare Copper
 - 4.3. Conductor Count: 1 conductor
- 5. Insulation**
 - 5.1. Material: Plenum Rated Foam FEP
 - 5.2. Wall Thickness: 0.019"
 - 5.3. Color Code: Brown

Overall Assembly

- 6. Assembly Element 1 & 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 Strand Tinned Copper
- 7. Jacket**
 - 7.1. Material: Plenum Rated Polyvinylchloride
 - 7.2. Wall Thickness: 0.018"
 - 7.3. Diameter: 0.234"
 - 7.4. Color: Natural
 - 7.5. Ripcord: Yes
 - 7.6. Weight: 25 Lbs/Mft
- 8. Markings**
 - 8.1. Type: Cable shall be permanently identified via surface inkjet print
 - 8.2. Legend: LAKE CABLE E171197 24AWG 1PR + 24AWG 1C SHLD (UL) CMP C(UL)US OR (UL) CL3P OR (UL) FPLP 75'C FT-6 "ROHS II" MADE IN USA
 - 8.3. Footage Markers: Yes



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9. Electricals

- 9.1. Impedance: 120 Ω +/-15%
- 9.2. Capacitance: 12.5 pF/ft. +/-10%
- 9.3. DC Resistance: 23.8 Ω /Mft. @ 20°C

10. Standards

- 10.1. Refer to NEC (NFPA 70) article 725 and article 800 for installation guidelines
- 10.2. UL listed as type CL3P per UL standard 13, type CMP c(UL)us 75°C FT-6 per UL standard 444, and as type FPLP per UL standard 1424
- 10.3. All materials used in the manufacture of this cable are RoHS II & REACH compliant
- 10.4. Maximum Operating Voltage: 300V RMS
- 10.5. Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION