Specification Sheet

327059P1

Lake Cable Part #: PFFS242PRST-08

Description: 24 AWG 2 pairs 7 strands tinned copper wire, plenum rated Foam FEP insulation, an aluminum/mylar shield, a stranded tinned copper drain wire and an overall plenum rated PVDF jacket

> **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**
>
> _____
> **Company**

1. **Conductor**
   1.1. AWG Size & Stranding: 24 AWG 7 Strands Class B
   1.2. Material: Annealed Tinned Copper
   1.3. Conductor Count: 2 Pairs

2. **Insulation**
   2.1. Material: Foamed Fluorinated Ethylene Propylene
   2.2. Wall Thickness: 0.014"
   2.3. Color Code: White/Blue x Blue/White, White/Orange x Orange/White

3. **Assembly**
   3.1. Pair Lay Length: 1.25" LHL (9.6 tw/ft)
   3.2. Nominal Lay Length: 2.75" LHL (4.36 tw/ft)
   3.3. Shield: Aluminum/Mylar Tape – 100% Coverage
   3.4. Drain Wire: 24 AWG 7 Strand Tinned Copper

4. **Jacket**
   4.1. Material: Polyvinylidene Fluoride
   4.2. Wall Thickness: 0.015"
   4.3. Diameter: 0.203"
   4.4. Color: Gray
   4.5. Ripcord: Yes
   4.6. Weight: 23 Lbs/Mft

5. **Markings**
   5.1. Type: Cable permanently identified via surface inkjet print
   5.2. Legend: LAKE CABLE E171197 24AWG 2PR (UL) CMP C(UL)US OR (UL) CL3P OR (UL) FPLP 150'C FT-6 "ROHS II"   MADE IN USA
   5.3. Footage Markers: Yes

6. **Electricals**
   6.1. Impedance: 120 Ω ± 10%
   6.2. Capacitance: 10.9 pF/ft ± 10% Conductor to Conductor
   6.3. Capacitance: 20.0 pF/ft ± Conductor to Shield
   6.4. DC Resistance: 24.5 Ω/Mft @ 20°C

7. **Standards**
   7.1. Cable suitable for installations under NEC (NFPA 70) articles 800, 725 and 760 guidelines
   7.2. UL listed as CMP c(UL)us per UL standard 444, CL3P per UL standard 13 and FPLP per UL standard 1424
   7.3. All materials used in the manufacture of this cable are RoHS II & REACH compliant
   7.4. Maximum Operating Voltage: 300V RMS

7.5. Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION