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2012 CORPORATE LANE, SUITE 116 NAPERVILLE, IL 60563 TOLL FREE: 888-888-8045

**Part #: 4424PL-LC-OR-SI**

**Description:** 24 AWG, 2 conductor shielded plenum rated cable constructed with stranded bare copper, foamed FEP insulation, an aluminum/mylar shield with a stranded tinned copper drain wire and an overall polyvinylchloride jacket for data communications / security applications. Cable is manufactured in the USA and (UL) listed CMP c(UL)us 75°C, FT-6.

**1. Conductor**

- 1.1 AWG & Stranding: 24 AWG, Class B 7 Strands
- 1.2 Material: Annealed Bare Copper

**2. Insulation**

- 2.1 Material: Foamed FEP
- 2.2 Wall Thickness: 0.016"

**3. Color Code**

- 3.1 Code: Black, White

**4. Assembly**

- 4.1 Cable Lay Length: 1.75" LHL Nominal
- 4.2 Cable Binder: N/A
- 4.3 Cable Shield: Aluminum/Mylar Tape - 100% coverage
- 4.4 Cable Drain Wire: 24 AWG, 7 Strand Tinned Copper

**5. Jacket**

- 5.1 Material: Plenum Rated Polyvinylchloride (SGPVC)
- 5.2 Wall Thickness: 0.015"
- 5.3 Diameter: 0.144"
- 5.4 Color: Special Orange
- 5.5 Weight: 12 lbs./Mft.

**6. Markings**

- 6.1 Type: Cable shall be permanently identified via surface inkjet print
- 6.2 Legend: BLN/FLN E171197 24AWG 2C SHLD (UL) CL3P OR CMP C(UL)US 75°C FT-6  
"ROHS"

**7. Electricals**

- 7.1 Impedance: 103  $\Omega$  +/-10%
- 7.2 Capacitance: (Conductor to Conductor) 12.5 pF/ft. +/-10%
- 7.2 Capacitance: (Conductor to Shield) 23.0 pF/ft. +/-10%
- 7.3 DC Resistance: 23.4  $\Omega$ /Mft. @ 20°C

**8. Standards**

- 8.1 UL listed as Type CMP c(UL)us 75°C, FT-6
- 8.2 All materials used in the manufacture of this cable are RoHS compliant

***ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION***