



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

Part #: 4424PL-LC-ORG-BLU

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: Orange with Blue stripe
- 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 Ω +/-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 Ω /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