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

**PART #: 4585PL**

**Description:** 18 AWG, 8 conductor shielded plenum rated cable constructed with stranded bare copper, polyvinylchloride insulation, an aluminum/mylar shield with a stranded tinned copper drain wire and an overall polyvinylchloride jacket for data communications/security applications manufactured in the USA and (UL) listed CMP c(UL)us or CL3P 75°C, FT-6.

**1. Conductor**

- 1.1 AWG & Stranding: 18 AWG, 7 Strands
- 1.2 Material: Annealed Bare Copper

**2. Insulation**

- 2.1 Material: Plenum Rated Polyvinylchloride (SGPVC)
- 2.2 Wall Thickness: 0.007"

**3. Color Code**

- 3.1 Code: Black, Red, White, Green, Brown, Blue, Orange, Yellow

**4. Assembly**

- 4.1 Cable Lay Length: 3.25" LHL Nom.
- 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
- 4.5 Ripcord: Yes

**5. Jacket**

- 5.1 Material: Plenum Rated Polyvinylchloride (SGPVC)
- 5.2 Wall Thickness: 0.015"
- 5.3 Diameter: 0.228"
- 5.4 Color: Natural
- 5.5 Weight: 61 lbs./Mft.

**6. Markings**

- 6.1 Type: Cable shall be permanently identified via surface inkjet print
- 6.2 Legend: "TEMP CONTROL-ACCESS CONTROL-SOUND-SECURITY AI-DI-BI-AO-DO-BO  
DEVICE OR ZONE ABCDEFG 1-2-3-4-5-6-7-8-9-10 E171197 18AWG 8C  
SHIELDED (UL) CMP C(UL)US OR (UL) CL3P 75°C FT-6 "ROHS"
- 6.3 Ascending/descending footage markers

**7. Standards**

- 7.1 UL listed as Type CMP c(UL)us or CL3P 75°C, FT-6
- 7.2 All materials used in the manufacture of this cable are RoHS compliant

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