

Bay State Wire & Cable

Plenum Rated Data Communications Cable Specification

Bay State Wire & Cable Part #: PC4C18S

Description: 18 AWG, 4 conductor unshielded plenum rated cable constructed with stranded bare copper, polyvinylchloride insulation and an overall polyvinylchloride jacket for data communications / security applications manufactured in the USA and (UL) listed CL3P or CMP c(UL)us 75°C, FT-6.

1. Conductor

- 1.1 AWG & Stranding: 18 AWG, Class B 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

4. Assembly

- 4.1 Cable Lay Length: 3.00" LHL, Nominal
- 4.2 Cable Binder: N/A
- 4.3 Cable Shield: N/A
- 4.4 Cable Drain Wire: N/A

5. Jacket

- 5.1 Material: Plenum Rated Polyvinylchloride (SGPVC)
- 5.2 Wall Thickness: 0.015"
- 5.3 Diameter: 0.170"
- 5.4 Color: Natural
- 5.5 Weight: 33 lbs./Mft.
- 5.6 Minimum Bend Radius: 1.70" Nominal

6. Markings

- 6.1 Type: Cable shall be permanently identified via surface inkjet print
- 6.2 Legend: 18AWG 4C (UL) CL3P OR CMP C(UL)US 75°C FT-6 "ROMS"

7. Electricals

- 7.1 Impedance: 55 Q
- 7.2 Capacitance: 37.0 pF/ft.
- 7.3 DC Resistance: 5.8 Q/Mft. @ 20°C

8. Standards

- 8.1 UL listed as Type CL3P or 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