

Bay State Wire & Cable

Plenum Rated Data Communications Cable Specification

Bay State Wire & Cable Part #: PC8C18S

Description: 18 AWG, 8 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, Brown, Blue, Orange, Yellow
4. Assembly
 - 4.1 Cable Lay Length: Per UL Standard
 - 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: 0.236"
 - 5.4 Color: Natural
 - 5.5 Weight: 60 lbs./Mft.
 - 5.6 Minimum Bend Radius: 2.36" Nominal
6. Markings
 - 6.1 Type: Cable shall be permanently identified via surface inkjet print
 - 6.2 Legend: 18AWG 8C (UL) CL3P OR CMP C(UL)US 75°C FT-6 "ROMS"
7. 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