

Media Control Plenum Cable

Rev. 3. 10/01

Description:

- (Data Pair) 1 pair 22 AWG (7x30) shielded plus (Control Pair) 1 pair 18 AWG unshielded
- ASTM bare copper conductors
- Data Pair: Foam Teflon insulation .022 (.56mm)
- Control Pair: Halar insulation .007 (.18mm)
- Shielding for Data Pair: aluminum polyester foil with 24 AWG TC drain wire
- Overall 125°C PVDF jacket
- Nom. O.D. .196" (4.98mm)

Applications:

Indoor cable (non-conduit per NEC) within ducts, plenums and other spaces used for environmental air for:

- Crestron Cresnet System
- AMX- Axlink System\
- Home Controls
- Boardroom Controls
- Intercom Systems
- Sound and Audio Systems
- Other applications as defined in NEC Article 800 Communications Circuits

Rating as per NEC:

- UL or C(UL)⁺ listed NEC type CMP
- Constructed in accordance with UL Standard 444
- Complies with UL 910 test modified ASTM Steiner Tunnel Test
- Temperature range: -10° C to 125° C dry locations
- Meets 300 volt requirement as specified in section 800 of the NEC

Installation Characteristics:

- Minimum Bend Radius: 2.00"
- Maximum Pulling Tension: 52 lbs.

Color Code:

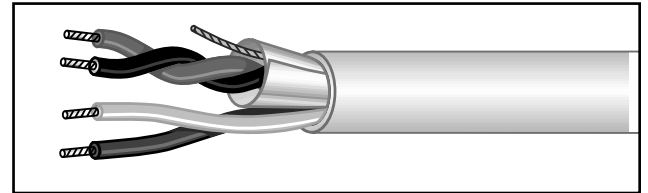
Data Pair - 22 AWG

1. Blue
2. White

Control Pair - 18 AWG

1. Red
2. Black

Jacket Color: Black



Electrical Characteristics:

- Nominal capacitance (shielded Data Pair): 12.5 pf/ft* 22.5 pf/ft**
- Impedance : 100Ω
- Vel. of Prop. (Data Pair): 78%
- Nom. D.C.R. @ 20°C:
 - 22 AWG 17.0Ω/1000 ft.
 - 18 AWG 6.6Ω/1000 ft.

*Capacitance between conductors.

** Capacitance between one conductor and the other conductors connected to the shield.