

Plenecon Extra Flexible Plenum Cable Combination Shielded and Unshielded

Description:

- ASTM bare copper
- Halar[®] 150° C insulation
- One pair overall shielded, one pair unshielded
- Shielded component coverage 100% Aluminum Polyester Foil
- Flexible plenum jacket
- Standard spool size 1000 feet

Rating:

- 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 75° C dry locations

Applications:

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

- Intercom Systems
- Security Systems
- Sound and Audio
- Background Music
- Applications as defined in Article 800 Communications Circuits

Color Code:

Conductors:

Shielded: Black, Red

Unshielded: White, Green

Jacket: Ivory

Special Notes:

⁺C(UL) CMP Canadian UL accepted mark replaces PCC-F16

Installation Precautions:

- Dry locations only. The electronic characteristics of this cable may change due to excessive tension, crushing, and application of pulling compounds during installation.
- Due to the nature of PVC compounds to become non-pliable when stored or handled in ambient temperatures of 32° F or less, we recommend the following:

"Prior to installation, condition the cable for at least 24 hours at room temperature to provide the best flex properties for ease of installation".



Mechanical Characteristics

Number of Pairs	2
AWG Size	22
Stranding	(7 x 30)
Nom. Insulation Thickness	.007 (.18 mm)
Shield Type % Coverage	100% Aluminum Polyester Tape
Nom. Jacket Thickness	.020 (.51 mm)
Nom. O.D.	.160 (4.06 mm)
Drain Wire Size	24 (7 x 32)

Electrical Characteristics Nominal

Capacitance @ 1 KHZ	37 pf/ft*
	121 pf/M*
	67 pf/ft**
	220 pf/M**
Conductor DCR (Resistance) @ 20° C	17 Ω per 1000 ft.

*Nominal Capacitance between conductors.

**Nominal Capacitance between one conductor and the other connected to the shield.0

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