

Plenecon II Extra Flexible Plenum Cable Twisted Pair Overall Shielded

Description:

- Twisted pair overall shielded
- Polymer alloy insulation
- Two conductors twisted to form a pair
- 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: 0° C to 60° 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: Black, Red
Jacket: Gray

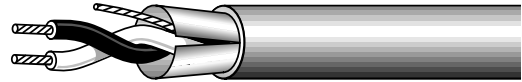
Special Notes:

⁺C(UL) CMP Canadian UL accepted mark replaces PCC-FT6

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	1
AWG Size	16
Stranding	(19 x 29)
Nom. Insulation Thickness	.010 (.25 mm)
Shield Type % Coverage	100% Aluminum Polyester Tape
Nom. Jacket Thickness	.015 (.38 mm)
Nom. O.D.	.180 (4.57 mm)
Drain Wire Size	18 (7 x 26)

Electrical Characteristics Nominal

Capacitance @ 1 KHZ	75 pf/ft*
	246 pf/m*
	140 pf/ft**
	459 pf/m**
Conductor DCR (Resistance) @ 20° C	4.4 Ω per 1000 ft.

*Nominal Capacitance between conductors.

NOTE: Capacitance of unshielded cable may vary depending on installation environment

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