

Plenecon[®] RG-6/U Type CATV Plenum Coaxial Cable

Description:

- ASTM bare copper conductor
- Foam Teflon[®] insulation
- Quad shield
- Flexible plenum jacket
- Standard spool size 1000 feet

Rating as per NEC:

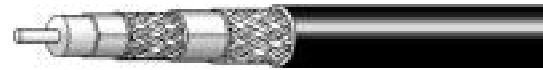
- UL listed NEC type CL2P as defined in Article 725
- UL listed NEC type CATVP as defined in Article 820
- Constructed in accordance with UL Standard 13
- Complies with UL 910 modified ASTM Steiner Tunnel Test

Applications

Indoor within ducts, plenums and other spaces used for environmental air for:

- CATV
- MATV

Jacket Color: Ivory



Construction

Conductors	1
AWG Size	18
Stranding	Solid Bare Copper
Coax Insulation Nom. O.D.	.170 Foam FEP (4.32 mm)
First Shield Type & % Coverage	BiFoil [†] 100%
Second Shield	Aluminum Braid 65%
Third Shield	BiFoil [†] 100%
Fourth Shield	Aluminum Braid 55%
Jacket Type	Flexible Plenum
Nom. O.D.	.273 inch (6.93 mm)

[†]BiFoil is an aluminum polyester aluminum tape with 100% coverage

Coaxial Cable Loss Factors

Nominal Attenuation

Mhz	db/100 ft	db/100 m
5	.45	1.5
55	1.5	4.9
100	2.0	6.6
400	4.2	13.7
700	5.9	19.3
1000	7.4	24.3
2000	11.9	39
3000	14.8	48.5

Suggested Cambridge Connectors

3 Piece (BNC)	2 Piece (BNC)	F type Compression	"F Type" (1 Piece)
	---	CN-FSNS-6	CN-F56ALM

Electrical Characteristics

(Calculated Quantities)

Nominal Capacitance Conductor to Shield	16.2 pf per foot
	54 pf per meter
Vel. of Prop.	82%
Nom. Imp.	75 Ω
Nom. D.C.R. (Resistance) @ 20° C	6.5 Ω per 1000 feet

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