

Plenecon® RG-11/U Type CATV Plenum Coaxial Cable

Description:

- ASTM bare copper conductor
- Foam Teflon® insulation
- Dual shield, BiFoil plus aluminum braid
- Copolymer jacket
- Standard spool size 1000 feet

Rating as per NEC:

- UL listed NEC type CL2P or CATVP
- Constructed in accordance with UL Standard 13
- Complies with UL 910 modified ASTM Steiner Tunnel Test

Applications

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

- CATV
- MATV

Jacket Color: Natural



Construction	
Conductors	1
AWG Size	14
Stranding	Solid Bare Copper
Coax Insulation	.280 inch Foam FEP (7.11 mm)
First Shield Type & % Coverage	BiFoil [‡] 100%
Second Shield Type & % Coverage	Aluminum Braid 65%
Jacket Type	Copolymer
Nom. O.D.	.352 inch (8.94 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	.25	.82
55	1.0	3.3
100	1.5	4.9
400	3.3	10.8
700	4.5	14.8
1000	5.5	18.0
2000	7.5	24.6
3000	9.19	30.14

Suggested Cambridge Connectors			
3 Piece (BNC)	2 Piece (BNC)	1 Piece (Twist-On)	"F Type" (1 Piece)
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Electrical Characteristics	
(Calculated Quantities)	
Nominal Capacitance Conductor to Shield	16 pf per foot
	52 pf per meter
Vel. of Prop.	82%
Nom. Imp.	75 Ω
Nom. D.C.R. (Resistance) @ 20° C	2.6 Ω per 1000 feet

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724-222-7060
FAX: 724-222-6420