

RG8/X Coaxial Cable Flexible Design

Description:

- ASTM Bare copper conductor
- Foam PE insulation
- Bare copper braid shield
- PVC jacket
- Standard spool size 1000 feet

Rating as per NEC:

- CM

Applications:

- 50 ohm systems

Jacket Color: Black



Construction	
Conductors	1
AWG Size	16
Stranding	19x29
Insulation with Tape Barrier	Gas Injected PE
Insulation Nom. O.D.	.155 inch (3.94 mm)
Shield Type and % Coverage	Bare Copper Braid 95%
Jacket Type	PVC
Nom. O.D.	.242 inch (6.15 mm)

Coaxial Cable Loss Factors		
Nominal Attenuation		
Mhz	db/100 ft	db/100 m
1	.3	1.0
10	.9	2.9
50	2.1	6.9
100	3.1	10.2
200	4.5	14.8
700	9.1	29.8
900	10.7	35.1
1000	11.2	36.7

Suggested Cambridge Connectors			
3 Piece (BNC)	2 Piece (BNC)	1 Piece (Twist-On)	"N" Type
CN-BM53-8X	--	--	CN-NM53-8X

Electrical Characteristics	
(Calculated Quantities)	
Nominal Capacitance Conductor to Shield	25 pf per foot
	82 pf per meter
Vel. of Prop.	82%
Nom. Imp.	50 Ω
Nom. D.C.R. (Resistance) @ 20° C	4.3 Ω per 1000 feet

CAUTION: Dry locations only. The electronic characteristics of this cable may change due to excessive tension, crushing, and application of pulling compounds during installation. When installing and handling this product in temperatures of 32° F or less, we recommend conditioning the cable at least 24 hours at room temperature to insure best results.

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