

## RG-59/U Type CCTV Coaxial Cable

### Description:

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



### Rating as per NEC:

- UL listed NEC type CM as defined in Article 800
- Constructed in accordance with UL Standard 444
- Listed as being resistant to the spread of fire as defined in Section 725 – 51 (c) of the National Electric Code. UL 1581 Vertical Tray Flame Test.

### Applications

Indoor for:

- CCTV

**Jacket Color:** Black

### Special Notes:

<sup>+</sup>C(UL) CMH Canadian UL accepted mark replaces PCC–FT1

Construction	
Conductors	1
AWG Size	22
Stranding	7X30 Stranded
Insulation with Tape Barrier	Foam Polyethylene
Insulation Nom. O.D.	.142 inch (3.61 mm)
Shield Type and % Coverage	Bare Copper Braid 95%
Jacket Type	PVC
Nom. O.D.	.232 inch (5.89 mm)

Coaxial Cable Loss Factors		
Nominal Attenuation		
Mhz	db/100 ft	db/100 m
1	.5	1.6
10	.9	3.0
50	1.9	6.2
100	2.4	7.9
200	4.0	13.1
500	7.5	24.6
700	8.9	29.2
1000	10.9	35.8

Suggested Cambridge Connectors			
3 Piece (BNC)	2 Piece (BNC)	1 Piece (Twist-On)	"F Type" (1 Piece)
CN-BM53-13			

### Installation Considerations:

- Min Bend Radius 2.25"
- Max Pull Tension 50lbs



Electrical Characteristics	
(Calculated Quantities)	
Nominal Capacitance Conductor to Shield	16.2 pf per foot
	56 pf per meter
Vel. of Prop.	82%
Nom. Imp.	75 Ω
Nom. D.C.R. (Resistance) @ 20° C	15 Ω per 1000 feet

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