Rev. 3-10/01

RG-6 Type CCTV Coaxial Cable

Description:

- ASTM bare copper conductor
- 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
- +C(UL) listed CMH
- Constructed in accordance with UL Standard 13
- 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 (non–conduit per NEC) for:

- CCTV

Jacket Color: Black

Special Notes:

+C(UL) CMH Canadian UL accepted mark replaces PCC–FT1

Construction	
Conductors	1
AWG Size	18
Stranding	Solid
Insulation with Tape Barrier	Foam Polyethylene
Insulation Nom. O.D.	.180 inch (4.57 mm)
Shield Type and % Coverage	Bare Copper Braid 95%
Jacket Type	PVC
Nom. O.D.	.270 inch (6.86 mm)

Coaxial Cable Loss Factors Nominal Attenuation		
Mhz	**db/100 ft**	**db/100 m**
1	.35	1.2
5	.5	1.6
10	.7	2.3
50	1.5	4.9
100	2.0	6.6
400	4.3	14.1
700	6.0	19.7
1000	7.5	24.6

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	6.5 Ω per 1000 feet

Suggested Cambridge Connectors			
3 Piece (BNC) 75 Ω	**2 Piece (BNC)**	**1 Piece (Twist-0n)**	**"F Type" (1 Piece)**
CN-BM73-5	CN-BM52-5	CN-BM51-5	CN-F56ALM

CAUTION: Dry locations only. The electronic characteristics of this cable may change due to excessive tension, crushing, and application of pulling compounds during installation.

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