



CB-0111A

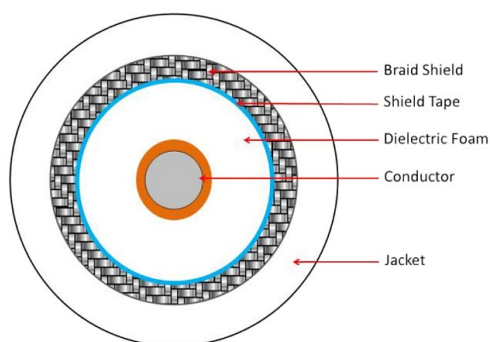
RG11 COAXIAL CABLE

ADVANCE GRADE SHIELD 90%, Indoor

Scope of Application

LINK Coaxial Cable was designed for CCTV, MATV, TV Cable RF Signal Transmission and etc. .Which conductor made from Copper Covered Steel and braiding made from Aluminum for best performance of signal access and best protection from noise, produced according to MIL-C-17F, MIL-C-17G, ANSI/TIA-568-C.4.

Drawing



Technical Standard

- ANSI/TIA-568-C.4
- MIL-C-17F
- MIL-C-17G
- UL Communication Cable
- RoHS Compliant

Application

- Analog CCTV
- HD CCTV
- Ethernet Over Coaxial
- CATV, MATV, HDTV
- TV Cable
- RF Signal





Cable Construction

Conductor	Diameter	1.63 mm (14AWG)	
	Material	Copper Covered Steel	
Insulation (Dielectric)	Diameter	7.10 ±0.1 mm	
	Material	Foam Polyethylene	
Shielded	Braid Wire	Material	Aluminum
		Wire no. x Diameter	168 x 0.16 mm.
		Coverage	90%
	Shield Tape	Material	AL/P-Foil (Bonded)
		Thickness	0.025 mm.
		Coverage	100%
Jacket	Cable Diameter	10.03 ±0.15 mm.	
	Material	PVC (or LSZH on request)	
	Color	White	

ELECTRICAL CHARACTERISTIC

Characteristic Impedance	75 Ohm	
Capacitance	52 pF/m	
Velocity Ratio	> 82%	
DCR Inner Conductor	< 33.1 Ohm/km @20°C	
DCR Shield	< 15.8 Ohm/km @20°C	
Insulation resistance	> 10,000 MΩ/km	
Dielectric Strength	2500 VAC	
Jacket Sparker	4000 VAC	
Return Loss	5-470 MHz	> 25.00 dB
	470-1000 MHz	> 23.00 dB
	1000-2000 MHz	> 20.00 dB
Screening factor at	VHF	80 dB
	UHF	75 dB

PHYSICAL PROPERTIES

Max. Pulling Tension	712 N	
Min. Bending Radius	Installation	10 x Cable Diameter (68.6 mm)
	Operation	4 x Cable Diameter (27.44 mm)
Temperature	Storage/Operation	-20°C to +75°C
	Installation	0°C to +60°C



ATTENUATION PERFORMANCE

Frequency (MHz)	Attenuation (dB/100m)
1	0.66
5	1.25
10	1.48
50	3.11
100	3.05
200	5.53
300	7.38
400	8.23
460	9.02
700	11.42
800	11.79
870	12.87
1000	13.91
1450	15.54
1750	17.66
2000	18.41
2200	19.84
2500	20.36
3000	25.62

Order Information

Part number	Description	Color	Length	Package
CB-0111A	RG11 COAXIAL CABLE ADVANCE GRADE, SHIELD 90%, Indoor	White	500 m	Roll