



CB-0106A

CB-0106A-1

CB-0106A-WH

CB-0106A-1WH

LINK AMERICAN STANDARD



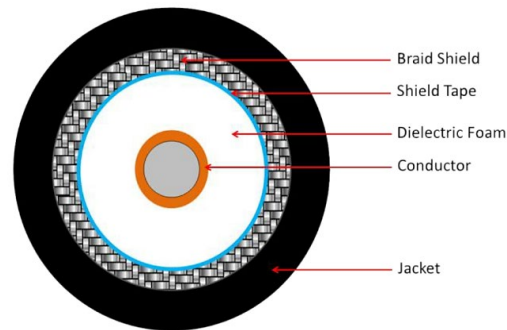
RG 6 COAXIAL CABLE

ADVANCE GRADE, SHIELD 95%, 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	1.02 mm (18AWG)		
	Material	Copper Covered Steel		
Insulation (Dielectric)	Diameter	4.57 ±0.1 mm		
	Material	Foam Polyethylene		
Shielded	Braid Wire	Material	Aluminum	
		Wire no. x Diameter	144 x 0.12 mm.	
	Coverage	95%		
	Shield Tape	Material	AL/P-Foil (Bonded)	
		Thickness	0.025 mm.	
Coverage	100%			
Jacket	Cable Diameter	6.86 ±0.15 mm.		
	Material	PVC		

ELECTRICAL CHARACTERISTIC

Characteristic Impedance	75 Ohm	
Capacitance	52 pF/m	
Velocity Ratio	> 82%	
DCR Inner Conductor	< 92 Ohm/km @20°C	
DCR Shield	< 29 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	470 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	1.00
5	1.60
10	2.30
50	4.60
100	6.50
200	9.28
300	11.30
400	13.10
460	14.44
700	17.20
800	18.23
870	19.50
1000	21.30
1450	25.80
1750	28.67
2000	30.64
2200	33.21
2500	34.25
3000	37.53

Order Information

Part number	Description	Color	Length	Package
CB-0106A	RG6 COAXIAL CABLE, ADVANCE GRADE, SHIELD 95%, Indoor	Black	500 m	Reel in Box
CB-0106A-WH	RG6 COAXIAL CABLE, ADVANCE GRADE, SHIELD 95%, Indoor	White	500 m	Reel in Box
CB-0106A-1	RG6 COAXIAL CABLE, ADVANCE GRADE, SHIELD 95%, Indoor	Black	100 m	Easy Box
CB-0106A-1WH	RG6 COAXIAL CABLE, ADVANCE GRADE, SHIELD 95%, Indoor	White	100 m	Easy Box