



CB-0106F

LINK AMERICAN STANDARD



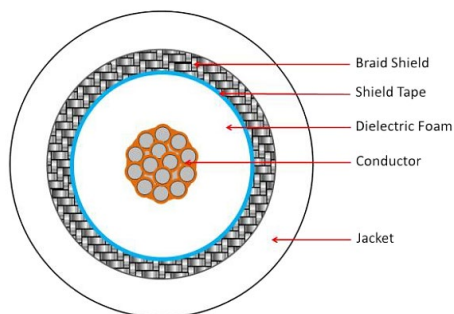
RG59 FLEXIBLE STRANDED COAXIAL CABLE

ADVANCE GRADE, SHIELD 90%

Scope of Application

LINK Flexible Stranded 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	0.81 mm (0.20mm x 16)		
	Material	Stranded Copper Covered Steel		
Insulation (Dielectric)	Diameter	3.66 ±0.1 mm		
	Material	Foam Polyethylene		
Shielded	Braid Wire	Material	Aluminum	
		Wire no. x Diameter	64 x 0.16 mm.	
	Shield Tape	Coverage	90%	
		Material	AL/P-Foil (Bonded)	
		Thickness	0.025 mm.	
		Coverage	100%	
Jacket	Cable Diameter	6.20 ±0.15 mm.		
	Material	PVC		
	Color	White		

ELECTRICAL CHARACTERISTIC

Characteristic Impedance	75 Ohm	
Capacitance	52 pF/m	
Velocity Ratio	> 82%	
DCR Inner Conductor	< 44 Ohm/km @20°C	
DCR Shield	< 36 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	372 N	
Min. Bending Radius	Installation	10 x Cable Diameter
	Operation	4 x Cable Diameter
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	3.60
10	2.30
50	4.60
100	7.78
200	10.80
300	14.60
400	16.73
460	17.72
700	22.57
800	23.23
870	24.67
1000	26.64
1450	32.12
1750	38.00
2000	39.00
2200	40.64
2500	43.10
3000	47.30

Order Information

Part number	Description	Color	Length	Package
CB-0106F	LINK FLEXIBLE STRANDED COAXIAL CABLE ADVANCE GRADE, SHIELD 90%	White	100 m	Easy Box