



RG59-Series Cable Sets are used for video applications. Hi-quality imported RG59 cable and connectors are used.

MATERIALS & TURNAROUND TIME

- Quick turnaround for BNC(M) RG59 types
- Imported RG59 cable in stock
- Imported BNC(M) connectors in stock

APPLICATIONS

- CCTV Video Applications (Camera)
- Digital Video
- Any other application requiring high quality video cable assemblies

Physical & Mechanical Specifications

Inner Conductor	Copper Clad Steel
Dielectric	Polyethylene
Shield	Copper Braid
Jacket	Black PVC, 6.15mm (0.242inch)
Bend Radius	31 mm (1.22 inch) minimum

Electrical Specifications

Impedance	75 Ω
Capacitance	73 pF/meter (22 pF/ft)
Velocity of Propagation	66%
DC Resistance	Inner : 181Ω/Km Outer: 12Ω/Km Loop : 193Ω/Km

Attenuation Vs Frequency

Frequency (MHz)	50	100	200	400	600	800	1000
db/100 ft	2.40	3.80	5.48	7.92	10	11.58	13.1

Ready-to-use part numbers for MIL Conformant Video Cable Assemblies

Part Number	Conn 1	Conn 2	Length	Insertion Loss (dB) Typ, Freq (MHz)					
				50	100	200	400	600	800
RG59-0.5-BNC(M/ST)-BNC(M/ST)-M	BNC (M)	BNC (M)	0.5m	0.05	0.07	0.10	0.16	0.21	0.24
RG59-1.0-BNC(M/ST)-BNC(M/ST)-M	BNC (M)	BNC (M)	1m	0.10	0.14	0.20	0.3	0.37	0.44
RG59-3.0-BNC(M/ST)-BNC(M/ST)-M	BNC (M)	BNC (M)	3m	0.27	0.38	0.56	0.89	1.03	1.21
RG59-5.0-BNC(M/ST)-BNC(M/ST)-M	BNC (M)	BNC (M)	5m	0.45	0.64	0.93	1.36	1.70	2.01
RG59-10.0-BNC(M/ST)-BNC(M/ST)-M	BNC (M)	BNC (M)	10 m	0.89	1.25	1.86	2.67	3.38	3.87
RG59-20.0-BNC(M/ST)-BNC(M/ST)-M	BNC (M)	BNC (M)	20 m	1.75	2.47	3.68	5.28	6.68	7.70

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