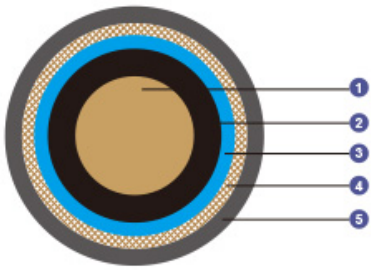
CRG Series Coaxial Cables 50 Ω/75 Ω



Application	These radio frequency cables are suitable for high frequency data transmission (communication equipment, radar, instrumentation equipment) and video signal transmission
Standards	MIL C 17 (RG) IEC 60092-359 IEC 60332-1 IEC 60754-1/2 IEC 61034
Construction	
Conductors	Solid or stranded TC (Tinned copper), BC (Bare copper), BCW (Bare copperweld), SC (Silvered copper) and SPCCS (Silver plated copper on steel).
Insulation	Foam PE.
Fire Barriers	Aluminium foil.
Screen	Single or double braid. Bare, tinned or silvered copper.
Outer Sheath	LSOH (SHF1).

Electrical Characteristics

		RG 178	RG 58	RG 174	RG 213	RG 214	RG 59	RG 223	RG 6	RG 11
Capacitance	pF/m	100	100	100	100	100	67	100	52	53
Impedance @200MHz	Ω	50 ± 2	50 ± 2	50 ± 2	50 ± 2	50 ± 2	75 ± 3	50 ± 2	75 ± 3	75 ± 3
Attenuation @50MHz	dB/100m	38	13	21	3	5	10	15	4.6	2.8
Attenuation @100MHz	dB/100m	52	21	32	7	8	14	21	6.4	4.1
Attenuation @200MHz	dB/100m	74	34	46	13	13	20	30	9.0	5.9
Attenuation @400MHz	dB/100m	108	55	82	15	22	29	39	12.8	8.5
Attenuation @1000MHz	dB/100m	170	91	147	29	39	52	68	20.8	14.3

Mechanical and Thermal Properties

Bending Radius for Fixed Installations: 10×OD

Temperature Range: -30℃ ~ +60℃

Dimensions and Weight

50 Ω

Part No.	Cable Type	Conductor Stranding No.×mm	Conductor Diameter mm	Dielectric Diameter mm	Nominal Overall Diameter mm	Nominal Weight kg/km
MLN-RG58C	RG 58 CU	19×0.18 TC	0.90	3.0	4.95	40
MLN-RG174A	RG 174 AU	7×0.16 BCW	0.48	1.55	2.8	10
MLN-RG213U	RG 213 U	7×0.75 BC	2.25	7.3	10.3	157
MLN-RG214U	RG 214 U	7×0.75 SC	2.25	7.3	10.8	195
MLN-RG178U	RG 178 U	7×0.10 SPCCS	0.30	0.9	1.8	7
MLN-RG223U	RG 223 U	1×0.90 SC	0.90	3.02	5.38	55

75 Ω

Part No.	Cable Type	Conductor Stranding No.×mm	Conductor Diameter mm	Dielectric Diameter mm	Nominal Overall Diameter mm	Nominal Weight kg/km
MLN-RG6	RG 6	1 x 1.0 BC	1.0	4.5	7.1	80
MLN-RG59	RG 59	1 x 0.57 BCW	0.57	3.75	6.15	53
MLN-RG11	RG 11	1 x 1.6 BC	1.6	7.2	10.3	135