

CO-AXIAL CABLES(RG59,RG6,RG11)

Co-axial cable 75 Ω cables for CATV & SMATV



TECHNICAL OVERVIEW

CONDUCTOR	COPPER CLAD STEEL (CCS)
DIELECTRIC	FOAMED POLYETHYLENE
SCREEN	BONDED ALUMINIUM FOIL
BRAID/SHIELD	ALUMINIUM ALLOY
SHEATH MATERIAL	P.V.C
SHEATH COLOUR	BLACK/WHITE(CUSTOMISED)
STANDARD LENGTH	100 MT COILS (CUSTOMISED)
PACKAGING	COILS/WOODEN DRUM.

PHYSICAL CHARACTERISTICS

TYPE	NOM.DIA. COND.(MM)	NOM. DIA. DIELECTRIC (MM)	NOM. OVERALL DIA. (MM)	BRAID COVER AGE(%)	MAX. RECOMMENDED PULLING TENSION(N)	MIN. BEND RADIUS INSTALL(MM)
RG-59	0.81	3.71	6.0	54	350	60
RG-6	1.02	4.60	6.8	60	560	68
RG-11	1.63	7.11	10.0	61	1157	100

ELECTRICAL CHARACTERISTICS(at 20°C)

TYPE	IMPEDENCE (Ω)	MAX. DC RESISTANCE CONDUCTOR (Ω/KM)	MAX. DC RESISTANCE SCREEN(Ω/KM)	NOM. CAPACITANCE (Pf/m)	NOM. INDUCTANCE (μH/m)	VELOCITY OF PROP. (%)	NOM. TIME DELAY (ns/m)
RG-59	75±3	146.5	52	53	0.32	83	3.94
RG-6	75±3	92.2	30	53	0.32	83	3.94
RG-11	75±3	36.5	25	53	0.32	83	3.94

NOMINIAL ATTENUATION IN dB/100m

TYPE	MHz											
	5	10	50	100	200	400	550	870	1250	1750	2150	2500
RG-59	2.9	3.45	5.4	8.5	12.5	16.0	19.3	25	31	37	41	45
RG-6	2.2	2.5	5	6.6	9.5	13	15.5	20	24	30	32.5	36
RG-11	1.25	2	3.75	5	6.75	7	9.65	12.6	16.5	20	23	25

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