

Detailed Technical Specifications – Coaxial Cables

TABLE 3 TECHNICAL SPECIFICATIONS FOR COAXIAL CABLES											
CONDUCTOR			INSULATION		OUTER CONDUCTORS			SHEATH			
Type	Material	Construction (No / mm)	Material	Diameter in mm	Material	Type	Coverage in %	Material	Diameter in mm	Nominal thickness of sheath in mm	
RG 6	Solid Copper / CCS	1 / 1.02	Foamed PE	4.55	AL Foil + ALMG	Braid	63	PVC	7.00	0.91	
RG 11	Solid Copper / CCS	1 / 1.63	Foamed PE	7.10	AL Foil + ALMG	Braid	63	PVC	10.05	1.07	
RG 59	Solid Copper / CCS	1 / 0.85	Foamed PE	3.65	AL Foil + ALMG	Braid	63	PVC	6.10	0.81	

TABLE 3 .1 TECHNICAL SPECIFICATIONS FOR COAXIAL CABLES

CONDUCTOR			ELECTRICAL CHARACTERISTICS				Attenuation [68°F (20°C)]				
Type	Material	Construction (No / mm)	Nominal Impedance (Ohm)	Nominal Velocity of Propagation (%)	Nominal Capacitance (pf/mt r)	Insulation Resistance (Mohm / KM)	Frequency (MHz)				
							55	600	750	865	1000
RG 6	Solid Copper / CCS	1 / 1.02	75	85	50	≥100000	5.3	16.7	18.5	20.0	21.5
RG 11	Solid Copper	1 / 1.63	75	85	50	≥100000	3.2	10.4	12.0	13.1	14.3

	/ CCS										
RG 59	Solid Copper / CCS	1 / 0.85	75	85	50	≥1000 00	6.7	20.3	22.9	24.7	26.6