

CO-AXIAL CABLES

Construction	Cable Type		
	RG - 59F	RG - 6	RG - 11
Centre Conductor	Solid bare / tinned copper conductor		
Centre Conductor Diameter (mm)	0.80	1.02	1.63
Di, Electric	Gas Expanded Polyethylene Insulation		
Insulation Diameter (mm)	3.55	4.57	7.11
Outer Conductor :			
- 1st Shield	Aluminium Foil Tape With Overlap		
- 2nd Shield	Aluminium Alloy Braiding		
Minimum Coverage %	60	60	60
Jacket	Of black / grey PVC		
Nominal Diameter (mm)	6.20	7.25	10.30
Center Conductor Maximum Resistance Ohm/100 Metres At 20°C	3.55	2.14	0.85
Nominal Capacitance pF/m	53 ± 3	53 ± 3	53 ± 3
Nominal Impedance	75 ohms	75 ohms	75 ohms
Nominal Velocity Ratio %	85	82	82

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Frequency (mhz)	Attenuation at 20 °C dB/100m		
5.00	2.82	1.95	1.25
55.00	6.73	5.20	3.15
211.00	12.47	9.50	6.23
250.00	13.45	10.50	6.72
300.00	14.60	11.50	7.38
350.00	15.75	12.45	7.94
400.00	16.73	13.30	8.53
450.00	17.72	14.35	9.02
550.00	19.52	15.70	9.97
600.00	20.34	16.45	10.43
750.00	22.87	18.35	11.97
865.00	24.67	19.95	13.05
865.00	26.64	21.45	14.27