

RG59 standard

Construction

	Material	Diameter(mm)
Inner Conductor	CCS /BC/TC	0.81
Dielectric	Foam PE	3.66
First Shield	AL Foil	
Second Shield	AL/BC/TC Braid	40%-95%
Jacket	PVC	6.10

Electrical Characteristics

Impedance (Ω)		75 ± 3
Capacitance (pF/m)		52 ± 2
Velocity of Propagation (%)		85.0
Return Loss		
5-1000MHz(dB)		≥ 22
1000-3000MHz(dB)		≥ 20

Attenuation(20°C)

Frequency (MHZ)	Max Attenuation (dB/100ft)	Max Attenuation (dB/100m)
5	0.9	2.8
55	2.1	6.7
187	3.6	11.8
211	3.8	12.5
400	5.1	16.7
500	5.7	18.7
750	7.0	22.8
860	7.5	24.6
1000	8.0	26.3
1500	9.9	32.5
1800	10.9	35.6
2200	12.6	41.2
3000	13.8	45.2