

RG59-95%TC**Construction**

	Material	Diameter (mm)
Inner Conductor	Solid Bare Copper	0.81
Dielectric	Foam PE	3.66
First Shield	Bonded Aluminum Foil	3.84
Second Shield	Tinned Copper wire Braid (95%)	16/8/0.15
Jacket	PVC	6.10

Electrical Characteristics

Impedance (Ω)	75 \pm 3
Capacitance (pF/m)	52 \pm 2
Velocity of Propagation (%)	85.0
Return Loss	
5-1000 MHz (dB)	\geq 22
1000-2000 MHz (dB)	\geq 20
Screening Effectiveness	
5-1000 MHz (dB)	\geq 95

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