

RG59-53%BV**Construction**

	Material	Diameter (mm)
Inner Conductor	CCS-Copper Clad Steel	0.81
Dielectric	Foam PE	3.66
First Shield	Bonded Aluminum Foil	3.84
Second Shield	Aluminum wire Braid (53%)	16/4/0.12
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 70

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