

RG6-90%BV**Construction**

	Material	Diameter (mm)
Inner Conductor	Bare Copper	1.02
Dielectric	Foam PE	4.60
First Shield	Bonded Aluminum Foil	4.75
Second Shield	Tinned Copper Braid (90%)	16/8/0.15mm
Jacket	PVC	6.86

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 100

Attenuation (@20 °C)

Frequency(MHz)	Max Attenuation (dB/100ft)	Max Attenuation (dB/100m)
5	0.6	1.9
55	1.6	5.2
187	2.8	9.3
211	3.0	10.0
400	4.1	13.5
500	4.6	15.0
750	5.6	18.5
860	6.1	20.0
1000	6.6	21.5
1500	8.2	26.8
1800	8.8	28.9
2200	9.8	32.2
3000	11.5	37.6