



RG690BV

Construction	Material	Diameter(inch/mm)	
Inner Conductor	Copper Clad Steel	0.040	1.02
Dielectric	Foam PE	0.179	4.57
First Shield	Bonded Aluminum Foil	0.187	4.75
Second Shield	90% Aluminum wire Braid	/	/
Jacket	PVC	0.270	6.86

Electrical Characteristics

Capacitance(pF/m)	52±2
Impedance(Ω)	75±3
Velocity of Propagation(%)	85.0
Return Loss(dB)	≥20
Shielding Effectiveness(dB)	> 70
Spark Test(VAC)	4000
Operating Temp Range(°C)	-40 to 85

Attenuation (20 °C)

Frequency(Mhz)	Max Attenuation(dB/100ft)	Max Attenuation(dB/100m)
5	0.58	1.90
55	1.60	5.25
187	2.85	9.35
300	3.55	11.64
450	4.40	14.43
600	5.10	16.73
750	5.65	18.54
865	6.10	20.01
1000	6.55	21.49
1200	7.98	26.16
1450	8.46	27.73
1800	9.50	31.15
2200	9.73	31.92
3000	11.40	37.50