

The image shows a black RS Cable with a silver metal connector. The text "RS CABLE" is printed in white on the black jacket. The cable is shown in a cutaway view, revealing the internal structure: a central bare copper conductor, a foam PE dielectric, a bonded aluminum foil shield, a 60% aluminum wire braid shield, a PVC jacket, and a galvanized steel messenger.

RS CABLE

RG660BVM

Construction	Material	Diameter(inch/mm)	
Inner Conductor	Bare Copper/CCS	0.040	1.02
Dielectric	Foam PE	0.179	4.57
First Shield	Bonded Aluminum Foil	0.187	4.75
Second Shield	60% Aluminum wire Braid	/	/
Jacket	PVC	0.270	6.86
Messenger	Galvanized steel	0.051	1.30

Electrical Characteristics

Capacitance(pF/m)	52±2
Impedance(Ω)	75±3
Velocity of Propagation(%)	85.0
Retrun 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