

RG174

Construction

	Material	Diameter(mm)
Inner Conductor	BC/TC	7*0.16
Dielectric	Solid PE	1.52
Shield	BC/TC Braid	85%
Jacket	PVC	2.80

Electrical Characteristics

Capacitance (pF/m)	101.0
Impedance (Ω)	50.0
Velocity of Propagation (%)	66.0
Conductor DCR (Ohm/km)	318.2
Outer Shield DCR (Ohm/km)	35.1
Max Operating Frequency (MHZ)	1000.0
Max Operating Voltage (RMS)	1500.0
Operating Temp Range ($^{\circ}\text{C}$)	-40to 85

Attenuation(20 $^{\circ}\text{C}$)

Frequency (MHZ)	Max Attenuation (dB/100ft)	Max Attenuation (dB/100m)
10	3.3	10.8
50	6.1	20.0
100	7.8	21.0
200	13.0	42.5
400	16.9	55.6
600	21.0	68.8
860	26.2	86.1
1000	29.3	96.2