

RG304/U Double Shield**Construction**

	Material	Diameter (inch/mm)	
Inner Conductor	Silver Plated Copper Clad Steel	0.059	1.50
Dielectric	PTFE	0.187	4.75
Shield	95% Double Silver Plated Copper Braid	0.224	5.70
Jacket	FEP	0.283	7.20

Electrical Characteristics

Capacitance (pF/m)	96.5
Impedance (Ω)	50.0
Velocity of Propagation (%)	70.0
Max Operating Frequency (MHz)	12000.0
Max Operating Voltage (RMS)	3000.0
Operating Temp Range ($^{\circ}\text{C}$)	-55 to 200

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

Frequency(MHz)	Max Attenuation (dB/100ft)	Max Attenuation (dB/100m)
10	0.7	2.3
50	1.7	5.6
100	2.6	8.5
200	4.1	13.5
400	5.5	18.0
700	7.6	24.9
900	8.5	27.9
1000	9.2	30.2
3000	17.3	56.8
5000	23.5	77.1
8000	35.0	114.8