

RG402/U**Construction**

	Material	Diameter (Inch/mm)	
Inner Conductor	Silver plated copper clad steel	0.0359	0.91
Dielectric	PTFE	0.1175	2.98
Outer Conductor	Seamless Copper Tube	0.141	3.58

Electrical & Mechanical Characteristics

Capacitance (pF/m)	95.1
Impedance (Ω)	50.0
Velocity of Propagation (%)	70.0
Max Operating Frequency (MHz)	34000.0
Max Operating Voltage (RMS)	1900.0
Operating Temp Range ($^{\circ}\text{C}$)	-55 to +125

Attenuation & Average Power(20 $^{\circ}\text{C}$ & Seal Level)

Frequency(GHz)	Max Attenuation dB/ft. (dB/meter)	Power (Watts CW)
0.5	0.08 (0.26)	600.5
1.0	0.11 (0.37)	417.5
5.0	0.28 (0.91)	174.4
10.0	0.42 (1.36)	117.5
20.0	0.64 (2.09)	77.9

