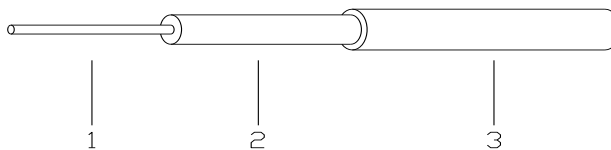


RG 402



Construction Specification

	Material	Diameter(mm)	
		mm	inch
	Silver Plated Copper Clad Steel		
1.Inner Conductor	Silver Plated Copper	0.93	0.037
2.Dielectric	PTFE	3.00	0.118
3.Outer Conductor	Copper Tube	3.58	0.141

Electrical Characteristics

Capacitance	95.1 pF/m	29.13 Pf/Ft
Impedance	50 Ohms	
Corona Extinction Voltage(@60Hz)	1900 VRMS	
Voltage Withstanding (@60Hz)	5000 VRMS	
Moding Frequency	34 GHz	

Mechanical Characteristics

Min.Inside Bend Radius	12.5 mm	.492 inch
Outer Conductor Integrity Temp.(°C)	175	

Environmental Characteristics

Operating Temp(°C)	-55 to +125
--------------------	-------------

Attenuation & Average Power @ 20°C and Sea Level

Frequency(GHz)	Attenuation (dB/100m)		Power (Watts CW)
	dB/100 m	dB/100 Ft	
0.5	26.0	7.93	600.5
1.0	37.0	11.28	417.5
3.0	72.0	21.95	231.9
5.0	91.0	27.74	174.4
10.0	136.0	41.46	117.5
20.0	210.0	64.02	77.9