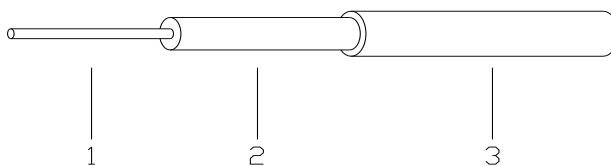


RG 401



Construction Specification

	Material	Diameter(mm)	
		mm	inch
1.Inner Conductor	Silver Plated Copper	1.63	0.064
2.Dielectric	PTFE	5.27	0.207
3.Outer Conductor	Copper Tube	6.35	0.25

Electrical Characteristics

Capacitance	95.1 pF/m	29.13 Pf/Ft
Impedance	50 Ohms	
Corona Extinction Voltage(@60Hz)	3000 VRMS	
Voltage Withstanding (@60Hz)	7500 VRMS	
Moding Frequency	19 GHz	

Mechanical Characteristics

Min.Inside Bend Radius(mm)	22.23 mm	.875 inch
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Environmental Characteristics

Operating Temp(°C)	-55 to +125
Outer Conductor Integrity Temp.(°C)	175

Attenuation & Average Power @ 20°C and Sea Level

Frequency(GHz)	Attenuation (dB/100m)		Power (Watts CW)
	dB/100 m	dB/100 Ft	
0.5	16	4.88	1332.1
1.0	23	7.01	914.6
5.0	58	17.68	364.4
10.0	89	27.13	238.2