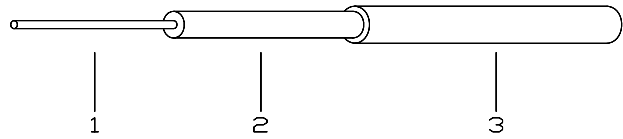


RG 402



Construction Specification

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

Electrical Characteristics

Capacitance(PF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS@60Hz)	1900
Voltage Withstanding (VRMS@60Hz)	5000
Moding Frequency(GHz)	34

Mechanical Characteristics

Min.Inside Bend Radius(mm)	12.5
Outer Conductor Integrity Temp.(°C)	175
Operating Temp.(°C)	-55 to 125

Attenuation & Average Power @ 20°C and Sea Level

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