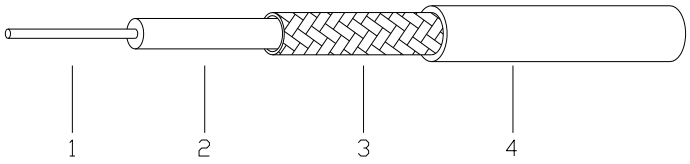
RG 223



Construction Specification

	Material	Diameter(mm)	
		mm	inch
1.Inner Conductor	Silver Plated Copper Clad Steel	0.9	0.035
2.Dielectric	Solid Polyethylene	2.95	0.116
3.Outer Conductor	Double Silver Plated Copper Braid	3.95	0.156
4.Jacket	PVC	5.30	0.209

Electrical Characteristics

Capacitance	101.05 Pf/m 30.95 pf/Ft
Impedance	50 Ohms
Velocity(%)	66
Max.Oper Voltage(VMS)	1900 VMS
Max.Oper Frequency(MHz)	12400 MHz

Mechanical Characteristics

Bending Radius(mm)	25 mm 0.98 inch

Environmental Characteristics

Operating Temp(℃)	-20 to +80

Attenuation

Frequency(MHz)	Attenuation (dB/100m)	
	dB/100 m	dB/100 Ft
100	13.1	3.99
400	26.9	8.20
1000	44.0	13.41
3000	81.4	24.82
5000	109.9	33.51
11000	177.5	54.12