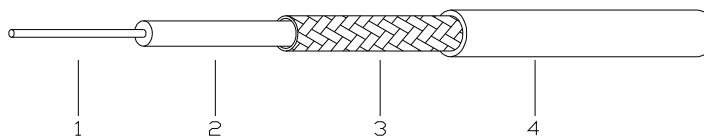


RG 58



Construction Specification

	Material	Diameter(mm)	
		mm	inch
1.Inner Conductor	Tinned Copper	19X0.18	19X0.007
2.Dielectric	Solid Polyethylene	2.95	0.116
3.Outer Conductor	Tinned Copper Braid	3.45	0.136
4.Jacket	Black PVC	4.95	0.195

Electrical Characteristics

Impedance(ohm)	50 Ohms
Operating Frequency	DC~3 GHZ
Cutoff Frequency	32 GHZ
Velocity	66%
Signal Delay	5 nS/m 1.52 nS/Ft
Capacitance(PF/m)	101.05 pF/m 30.95 Pf/Ft
Shielding Effectiveness(>dB)	70 @ 1000 MHz
Max.Oper Voltage	1900 VMS
Weight	39g/m
MIN. Bending Radius	25mm (single), 60mm (multiple)

Environmental Characteristics

Operating Temp(°C)	-20 to +80
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Attenuation & Average Power @ 25°C and Seal Leavel

Frequency(GHz)	Attenuation		Power(Watts CW)
	dB/100 m	dB/100 Ft	
0.1	15.70	4.80	300
0.15	19.20	5.90	250
0.45	36.80	11.20	150
1.0	58.00	17.70	95
2.0	85.00	25.90	69
3.0	117.00	35.70	50