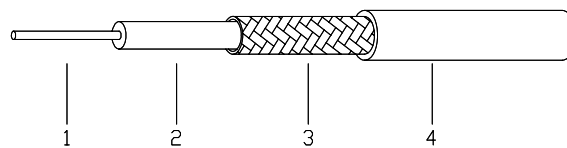


RG 174B



Construction Specification

	Material	Diameter(mm)	
		mm	inch
1.Inner Conductor	Bare Copper	0.48	0.019
2.Dielectric	Solid PE	1.48	0.058
3.Outer Conductor	Tinned Copper Braid	2.23 Max.	0.088 Max.
4.Jacket	Black PVC	2.79	0.110

Electrical Characteristics

Capacitance(PF/m)	101.05 pF/m	30.95 Pf/Ft
Impedance(ohm)	50 Ohms	
Velocity(%)	66%	
Max.Oper Voltage	1000 VMS	
Max.Oper Frequency	1575 MHz	
Operating Temp(°C)	-40 to +105	

Environmental Characteristics

Operating Temp(°C)	-40 to +105
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Machanical Characteristics

AL-Mylar Shield Overlap	25% Max.
Braid Shield: Tinned Copper Braid, Coverage	90% Max.
Between Insulator and Jacket Pull Force	10N/50mm min.
Braid Tensile Stength	6.2 Kgf min.
Min.INSide Bend Radius	10 mm .394 inch

Attenuation

Frequency(MHz)	Attenuation (dB/100m)	
	dB/100 m	dB/100 Ft
100	27.6	8.41
400	55.8	17.01
1000	89.9	27.41
1575	125	38.11