



# Hangzhou Risingsun Cable Co., Ltd



**RG178B/U**

Construction	Material	Diameter(inch/mm)	
Inner Conductor	Silver Plated Copper Clad Steel	7/0.004	7/0.10
Dielectric	PTFE	0.033	0.84
Shield	95% Silver Plated Copper Braiding	0.051	1.30
Jacket	FEP	0.071	1.80

## Electrical Characteristics

Capacitance(pF/m)	96.5
Impedance( $\Omega$ )	50.0
Velocity of Propagation(%)	69.5
Conductor DCR(Ohm/km)	800.5
Outer shield DCR(Ohm/km)	47.9
Max Operating Voltage(RMS)	1000
Operating Temp Range( $^{\circ}$ C)	-55 to 200

## Attenuation ( 20 $^{\circ}$ C )

Frequency(Mhz)	Max Attenuation(dB/100ft)	Max Attenuation(dB/100m)
10	5.6	18.4
50	10.5	34.4
100	14.0	45.9
200	19.0	62.3
400	28.0	91.9
700	37.0	121.4
900	42.5	139.4
1000	46.0	150.9
3000	79.8	262.0

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