



# Hangzhou Risingsun Cable Co., Ltd



**RG400**

Construction	Material	Diameter(inch/mm)	
Inner Conductor	Silver Plated Copper	19/0.008	19/0.203
Dielectric	PTFE	0.116	2.95
First Shield	95% Silver Plated Copper Braiding	0.142	3.60
Second Shield	95% Silver Plated Copper Braiding	0.165	4.20
Jacket	Brown FEP	0.195	4.95

## Electrical Characteristics

Capacitance(pF/m)	96.5
Impedance( $\Omega$ )	50.0
Velocity of Propagation(%)	70.0
Conductor DCR(Ohm/km)	63.3
Outer shield DCR(Ohm/km)	7.5
Max Operating Voltage(RMS)	1900
Operating Temp Range( $^{\circ}\text{C}$ )	-55 to 200

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

Frequency(Mhz)	Max Attenuation(dB/100ft)	Max Attenuation(dB/100m)
10	1.1	3.6
50	2.6	8.5
100	3.8	12.5
200	5.4	17.7
400	7.9	25.9
700	10.7	35.1
900	12.3	40.4
1000	13.1	43.0
2000	19.3	63.3
3000	24.2	79.4
5000	32.6	107.0
8000	43.2	141.7

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