

# Hangzhou Sanyuan Cable Co.,Ltd

## RG400

### Construction

	Material	Diameter(mm)
Inner conductor	Silver Plated Copper Clad Steel	19/0.203
Dielectric	PTFE	2.95
First Shield	95% Silver Plated Copper braid	3.6
Second Shield	95% Silver Plated Copper braid	4.2
Jacket	Brown FEP	4.95

### Electrical Characteristics

Impedance( $\Omega$ )	50
Capacitance(pF/m)	96.5
Velocity of Propagation(%)	70
Inner Conductor DCR (Ohm/km)	63.3
Outer Conductor DCR(Ohm/km)	7.5
Max Operating Frequency(Mhz)	8000
Max Operating Voltage(RMS)	1900
Operating Temp Range( $^{\circ}\text{C}$ )	Subzero55 to 200

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

Frequency(MHz)	Max Attenuation(dB/100m)
10	3.6
50	8.5
100	12.5
200	17.7
400	25.9
700	35.1
900	40.4
1000	43
2000	63.3
3000	79.4
5000	107
8000	141.7