

# Hangzhou Sanyuan Cable Co.,Ltd

## RG223

### Construction

	Material	Diameter(mm)
Inner conductor	Silver Plated Copper	0.9
Dielectric	Solid PE	2.95
First Shield	95% Silver Plated Copper Braid	3.6
Second Shield	95% Silver Plated Copper Braid	4.2
Jacket	PVC	5.3

### Electrical Characteristics

Impedance( $\Omega$ )	50
Capacitance(pF/m)	101
Velocity of Propagation(%)	66
Max Operating Frequency(Mhz)	12400
Max Operating Voltage(RMS)	1900
Inner Conductor DCR (Ohm/km)	28.9
Outer Conductor DCR(Ohm/km)	8.2
Operating Temp Range( $^{\circ}\text{C}$ )	Subzero40 to 85

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

Frequency(MHz)	Max Attenuation(dB/100m)
50	10.5
200	20.7
400	29.8
600	35.5
860	43.5
1000	47.8
3000	83.2
5000	109.9

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11000

177.5

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