

# Hangzhou Sanyuan Cable Co.,Ltd

## RG214

### Construction

	Material	Diameter(mm)
Inner conductor	Silver Plated Copper	7*0.75
Dielectric	Solid PE	7.25
First Shield	95% Silver Plated Copper Braid	8
Second Shield	95% Silver Plated Copper Braid	8.75
Jacket	PVC	10.8

### Electrical Characteristics

Impedance( $\Omega$ )	50
Capacitance(pF/m)	101
Velocity of Propagation(%)	66
Max Operating Frequency(Mhz)	11000
Max Operating Voltage(RMS)	3700
Inner Conductor DCR (Ohm/km)	5.6
Outer Conductor DCR(Ohm/km)	2.3
Operating Temp Range( $^{\circ}\text{C}$ )	Subzero40 to 85

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

Frequency(MHz)	Max Attenuation(dB/100m)
10	1.6
50	4.3
100	6.2
200	9.5
400	13.8
600	18.2
860	22.3
1000	24.5

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1500	31.5
2000	36.4
3000	46.6
5000	64.2
11000	112.2

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