

Hangzhou Sanyuan Cable Co.,Ltd

RG214

Construction

	Material	Diameter(mm)
Inner conductor	Bare Copper	2.69±0.03
Dielectric	Solid PE	9.4±0.25
First Shield	95% Bare Copper Braid	10.16±0.18
Second Shield	94% Bare Copper Braid	10.92±0.18
Jacket	PVC	13.84±0.25

Electrical Characteristics

Impedance(Ω)	50±0.2
Capacitance(pF/m)	105.6
Velocity of Propagation(%)	66
Max Operating Voltage(RMS)	5200
Corona Extinction Voltage(VRMS)	7000
Voltage Withstand(VRMS)	12000
Inner Conductor DCR (Ohm/km)	3.1
Spark Test(VRMS)	8000
Operating Temp Range($^{\circ}\text{C}$)	Subzero40 to 85

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

Frequency(MHz)	Max Attenuation(dB/100m)
10	1.3
50	3.4
100	4.6
200	6.9
400	12.1
1000	19
3000	45.9

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5000

62.3

10000

101.7
