

# Hangzhou Sanyuan Cable Co.,Ltd

## RG58

### Construction

	Material	Diameter(mm)
Inner conductor	Tinned Copper	19*0.18
Dielectric	Solid PE	2.95
Shield	Tinned Copper Braid(95%)	3.55
Jacket	PVC	4.95

### Electrical Characteristics

Impedance( $\Omega$ )	50
Capacitance(pF/m)	101
Velocity of Propagation(%)	66
Max Operating Frequency(Mhz)	1000
Max Operating Voltage(RMS)	1900
Inner Conductor DCR (Ohm/km)	35.4
Outer Conductor DCR(Ohm/km)	13.5
Operating Temp Range( $^{\circ}\text{C}$ )	Subzero40 to 85

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

Frequency(MHz)	Max Attenuation(dB/100m)
10	4.9
50	10.9
100	15.5
200	24.5
400	34.8
600	39.6
860	56.4
1000	60.5