

# Hangzhou Sanyuan Cable Co.,Ltd

## RG303

### Construction

	Material	Diameter(mm)
Inner conductor	Silver Plated Copper Clad Steel	0.94
Dielectric	PTFE	2.95
Shield	95% Silver Plated Copper braid	3.45
Jacket	FEP	4.32

### Electrical Characteristics

Impedance( $\Omega$ )	50
Capacitance(pF/m)	96.5
Velocity of Propagation(%)	70
Max Operating Frequency(Mhz)	3000
Max Operating Voltage(RMS)	1900
Inner Conductor DCR (Ohm/km)	53.5
Outer Conductor DCR(Ohm/km)	14.1
Operating Temp Range( $^{\circ}\text{C}$ )	Subzero55 to 200

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

Frequency(MHz)	Max Attenuation(dB/100m)
10	3.6
50	8.9
100	12.8
200	18.4
400	26.9
700	36.1
900	41
1000	44.3
3000	82