

# Hangzhou Sanyuan Cable Co.,Ltd

## RG302

### Construction

	Material	Diameter(mm)
Inner conductor	Silver Plated Copper Clad Steel	0.64
Dielectric	PTFE	3.71
Shield	95% Silver Plated Copper braid	4.21
Jacket	FEP	5.13

### Electrical Characteristics

Impedance( $\Omega$ )	75
Capacitance(pF/m)	63.7
Velocity of Propagation(%)	69.5
Max Operating Frequency(Mhz)	3000
Max Operating Voltage(RMS)	2300
Inner Conductor DCR (Ohm/km)	800.5
Outer Conductor DCR(Ohm/km)	47.9
Operating Temp Range( $^{\circ}\text{C}$ )	Subzero55 to 200

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

Frequency(MHz)	Max Attenuation(dB/100m)
10	3.9
50	26.2
100	12.1
200	17.7
400	24.9
1000	38.7
3000	70.5