

Hangzhou Sanyuan Cable Co.,Ltd

RG179

Construction

	Material	Diameter(mm)
Inner conductor	Silver Plated Copper Clad Steel	7*0.1
Dielectric	PTFE	1.6
Shield	95% Silver Plated Copper braid	2.06
Jacket	FEP	2.54

Electrical Characteristics

Impedance(Ω)	75
Capacitance(pF/m)	64
Velocity of Propagation(%)	69.5
Max Operating Frequency(Mhz)	3000
Max Operating Voltage(RMS)	1200
Inner Conductor DCR (Ohm/km)	800.5
Outer Conductor DCR(Ohm/km)	27.9
Operating Temp Range($^{\circ}\text{C}$)	Subzero55 to 200

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

Frequency(MHz)	Max Attenuation(dB/100m)
10	17.4
50	27.9
100	32.8
200	41
400	52.5
700	64.6
900	73.2
1000	78.7