

Hangzhou Sanyuan Cable Co.,Ltd

RG178

Construction

	Material	Diameter(mm)
Inner conductor	Silver Plated Copper Clad Steel	7*0.1
Dielectric	PTFE	0.84
Shield	95% Silver Plated Copper braid	1.3
Jacket	FEP	1.8

Electrical Characteristics

Impedance(Ω)	50
Capacitance(pF/m)	96.5
Velocity of Propagation(%)	69.5
Max Operating Frequency(Mhz)	3000
Max Operating Voltage(RMS)	1000
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	18.4
50	34.4
100	45.9
200	62.3
400	91.9
700	121.4
900	139.4
1000	150.9
3000	262