

Hangzhou Sanyuan Cable Co.,Ltd

RG180

Construction

	Material	Diameter(mm)
Inner conductor	Silver Plated Copper Clad Steel	7*0.1
Dielectric	PTFE	2.59
Shield	91% Silver Plated Copper braid	3
Jacket	FEP	3.58

Electrical Characteristics

Impedance(Ω)	95
Capacitance(pF/m)	50.2
Velocity of Propagation(%)	70
Max Operating Frequency(Mhz)	1000
Max Operating Voltage(RMS)	1500
Inner Conductor DCR (Ohm/km)	800.5
Outer Conductor DCR(Ohm/km)	21.3
Operating Temp Range($^{\circ}\text{C}$)	Subzero55 to 200

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

Frequency(MHz)	Max Attenuation(dB/100m)
10	10.8
50	15.1
100	18.7
200	31.5
400	41
700	55.4
900	58.7
1000	65.6