

Hangzhou Sanyuan Cable Co.,Ltd

RG188

Construction

	Material	Diameter(mm)
Inner conductor	Silver Plated Copper Clad Steel	7*0.17
Dielectric	PTFE	1.52
Shield	95% Silver Plated Copper braid	1.98
Jacket	PTFE	2.49

Electrical Characteristics

Impedance(Ω)	50
Capacitance(pF/m)	95
Velocity of Propagation(%)	69.5
Max Operating Frequency(Mhz)	1200
Max Operating Voltage(RMS)	3000
Inner Conductor DCR (Ohm/km)	299.2
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	8.9
50	18.4
100	27.2
200	36.1
400	54.8
700	74.8
900	86.3
1000	90.2
3000	155.2