

Hangzhou Sanyuan Cable Co.,Ltd

RG174

Construction

	Material	Diameter(mm)
Inner conductor	Copper Covered Steel	7*0.16
Dielectric	Solid PE	1.52
Shield	Tinned Copper Braid(85%)	2
Jacket	PVC	2.8

Electrical Characteristics

Impedance(Ω)	50
Capacitance(pF/m)	101
Velocity of Propagation(%)	66
Max Operating Frequency(Mhz)	1000
Max Operating Voltage(RMS)	1500
Inner Conductor DCR (Ohm/km)	318.2
Outer Conductor DCR(Ohm/km)	35.1
Operating Temp Range($^{\circ}\text{C}$)	Subzero40 to 85

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

Frequency(MHz)	Max Attenuation(dB/100m)
10	10.8
50	20
100	21
200	42.5
400	55.6
600	68.8
860	86.1
1000	96.2