



Hangzhou Risingsun Cable Co., Ltd



RG316D

Construction	Material	Diameter(inch/mm)	
Inner Conductor	Silver Plated Copper Clad Steel	7/0.0067	7/0.17
Dielectric	PTFE	0.060	1.52
First Shield	95% Silver Plated Copper Braiding	0.078	1.98
Second Shield	95% Silver Plated Copper Braiding	0.094	2.40
Jacket	FEP	0.114	2.90

Electrical Characteristics

Capacitance(pF/m)	95.0
Impedance(Ω)	50.0
Velocity of Propagation(%)	69.5
Conductor DCR(Ohm/km)	277.2
Outer shield DCR(Ohm/km)	20.0
Max Operating Voltage(RMS)	2000
Operating Temp Range($^{\circ}\text{C}$)	-55 to 200

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

Frequency(Mhz)	Max Attenuation(dB/100ft)	Max Attenuation(dB/100m)
10	2.7	8.9
50	5.6	18.4
100	8.3	27.2
200	11.0	36.1
400	16.7	54.8
700	22.8	74.8
900	26.3	86.3
1000	27.5	90.2
3000	47.3	155.2

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