



Hangzhou Risingsun Cable Co., Ltd



3/8" RF

Construction	Material	Diameter(mm)
Inner Conductor	Copper Clad Aluminum	3.3
Dielectric	Physical Foam Polyethylene	8.3
Outer Conductor	Corrugated Copper Tube	9.6
Jacket	PE/LSZH	11.2

Electrical Characteristics

Capacitance(pF/m)	76	Jacket Spark(KVrms)	5
Impedance(Ω)	50	Shielding Effectiveness(dB)	>120
Velocity of Propagation(%)	88	Min Single Bending Radius(mm)	40
Peak Power(KW)	15.6	Min Repeated Bending Radius(mm)	95
RF Peak Voltage(KV)	1.05	Number of Bends	15
Insulation Resistance(M Ω .km)	>5000	Tensile Strength(kg)	53
Cutoff Frequency(GHz)	13.5	Storage Temp/ $^{\circ}$ C	-55~+85
Insulation Voltage(KVrms)	2.5	Installation Temp/ $^{\circ}$ C	-20~+60
Inner Conductor DCR(Ohm/km)	3.2	Operating Temp/ $^{\circ}$ C	-55~+85
Outer Conductor DCR(Ohm/km)	3.1	VSWR	1.15

Frequency(Mhz)	Attenuation(dB/100m)	Average Power(KW)
100	3.12	1.87
200	4.45	1.30
450	6.79	1.02
800	9.20	0.75
900	9.80	0.71
1000	10.37	0.67
1500	12.90	0.53
1800	14.25	0.48
2000	15.10	0.46
2200	15.90	0.43
2400	16.70	0.42
2500	17.08	0.41
3000	18.90	0.37

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