



Hangzhou Risingsun Cable Co., Ltd



1/2" RF

Construction	Material	Diameter(mm)
Inner Conductor	Smooth Copper Tube	4.8
Dielectric	Physical Foam Polyethylene	12.3
Outer Conductor	Corrugated Copper Tube	13.8
Jacket	PE/LSZH	15.7

Electrical Characteristics

Capacitance(pF/m)	76	Jacket Spark(KVrms)	8.0
Impedance(Ω)	50	Shielding Effectiveness(dB)	> 120
Velocity of Propagation(%)	88	Min Single Bending Radius(mm)	50
Peak Power(KW)	40	Min Repeated Bending Radius(mm)	125
RF Peak Voltage(KV)	1.6	Number of Bends	15
Insulation Resistance(M Ω .km)	> 5000	Tensile Strength(kg)	110
Cutoff Frequency(GHz)	8.8	Storage Temp/ $^{\circ}$ C	-55~+85
Insulation Voltage(KVrms)	6	Installation Temp/ $^{\circ}$ C	-20~+60
Inner Conductor DCR(Ohm/km)	1.52	Operating Temp/ $^{\circ}$ C	-55~+85
Outer Conductor DCR(Ohm/km)	1.90	VSWR	1.15

Frequency(Mhz)	Attenuation(dB/100m)	Average Power(KW)
100	2.15	3.94
200	3.08	2.75
450	4.70	1.80
800	6.35	1.33
900	6.75	1.25
1000	7.20	1.18
1500	9.05	0.95
1800	9.90	0.86
2000	10.50	0.81
2200	11.10	0.77
2400	11.60	0.75
2500	11.95	0.73
3000	13.20	0.65

HANGZHOU RISINGSUN CABLE CO.,LTD

Add:1188 Jinxi Rd.s Linglong Industrial Zone Lin'an,Zhejiang,China

Tel: 86-571-63766698 Fax: 86-571-63766808

Web:www.rscable.com