



# Hangzhou Risingsun Cable Co., Ltd



**7/8"-RF-AI**

Construction	Material	Diameter(mm)
Inner Conductor	Smooth Copper Tube	9.0
Dielectric	Physical Foam Polyethylene	22.3
Outer Conductor	Annular Corrugated Aluminum Tube	24.9
Jacket	PE/LSZH	27.5

## Electrical Characteristics

Impedance( $\Omega$ )	50	RF Peak Voltage(KV)	3
Velocity of Propagation(%)	88	Static Minimum Bending Radius	120mm
Insulation Resistance(M $\Omega$ .km)	>5000	Dynamic Minimum Bending Radius	250mm
Capacitance(pF/m)	76	Tensile Strength	1400N
Dielectric Strength	DC10000v	Storage Temp/ $^{\circ}$ C	-55~+85
Inner Conductor DCR(Ohm/km)	1.0	Installation Temp/ $^{\circ}$ C	-20~+60
Outer Conductor DCR(Ohm/km)	1.6	Operating Temp/ $^{\circ}$ C	-55~+85
Peak Power(KW)	91	VSWR	1.15

Frequency(Mhz)	Attenuation(dB/100m)	Average Power(KW)
100	1.17	8.62
200	1.69	5.99
450	2.60	3.88
800	3.56	2.83
900	3.80	2.65
1000	4.03	2.50
1500	5.08	1.99
1800	5.61	1.79
2000	6.05	1.68
2200	6.40	1.59
2400	6.75	1.54
2500	6.90	1.50
3000	7.60	1.33

## 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