



# Hangzhou Risingsun Cable Co., Ltd



**RG8**

Construction	Material	Diameter(inch/mm)	
Inner Conductor	Solid Bare Copper	0.108	2.74
Dielectric	Foam PE	0.285	7.24
First Shield	Bonded Alumium Foil	0.291	7.39
Second Shield	90% Tinned Copper Braid	0.32	8.13
Jacket     Out door/indoor	PE/PVC	0.405	10.29

## Electrical Characteristics

Capacitance(pF/m)	78.4
Impedance( $\Omega$ )	50.0
Velocity of Propagation(%)	84.0
Conductor DCR(Ohm/km)	4.6
Outer shield DCR(Ohm/km)	5.4
Return Loss(dB)	$\geq 20$
Shielding Effectiveness(dB)	$> 90$
Max Operating Voltage(RMS)	8000
Operating Temp Range( $^{\circ}\text{C}$ )	-40 to 85

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

Frequency(Mhz)	Max Attenuation(dB/100ft)	Max Attenuation(dB/100m)
30	0.7	2.2
50	0.9	2.9
150	1.5	5.0
220	1.9	6.1
450	2.7	8.9
900	3.9	12.8
1500	5.1	16.8
1800	5.7	18.6
2000	6.0	19.6
2500	6.8	22.2
5800	10.8	35.5

### 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