



# Hangzhou Risingsun Cable Co., Ltd



**RSLMR195**

Construction		Material	Diameter(inch/mm)	
Inner Conductor		Solid Bare Copper	0.037	0.94
Dielectric		Foamed PE	0.110	2.79
First Shield		Bonded Alumium Foil	0.116	2.95
Second Shield		90% Tinned Copper Braid	0.139	3.53
Jacket	Outdoor	PE	0.195	4.95
	Indoor	PVC/TPE	0.195	4.95

## Electrical Characteristics

Capacitance(pF/m)	83.3
Impedance( $\Omega$ )	50
Velocity of Propagation(%)	75.0
Conductor DCR(Ohm/km)	24.9
Outer shield DCR(Ohm/km)	16.1
Return Loss(dB)	$\geq 20$
Shielding Effectiveness(dB)	$> 90$
Max Operating Voltage(RMS)	3000
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	2.0	6.5
50	2.5	8.4
150	4.4	14.6
220	5.4	17.7
450	7.8	25.5
900	11.1	36.5
1500	14.5	47.7
1800	16.0	52.5
2000	16.9	55.4
2500	19.0	62.4
5800	29.9	98.1

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