



Hangzhou Risingsun Cable Co., Ltd



RSLMR500

Construction		Material	Diameter(inch/mm)	
Inner Conductor		Solid CCA	0.142	3.61
Dielectric		Foamed PE	0.370	9.4
First Shield		Bonded Alumium Foil	0.376	9.55
Second Shield		90% Tinned Copper Braid	0.405	10.29
Jacket	Out door/indoor	PE/PVC	0.500	12.70

Electrical Characteristics

Capacitance(pF/m)	77.5
Impedance(Ω)	50.0
Velocity of Propagation(%)	82.0
Conductor DCR(Ohm/km)	2.7
Outer shleid DCR(Ohm/km)	4.2
Return Loss(dB)	≥ 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	0.5	1.8
50	0.7	2.3
150	1.2	4.0
220	1.5	4.9
450	2.2	7.1
900	3.1	10.3
1500	4.1	13.6
1800	4.6	15.0
2000	4.8	15.9
2500	5.5	18.0
5800	8.9	29.1

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