



Hangzhou Risingsun Cable Co., Ltd



RSLMR200

Construction		Material	Diameter(inch/mm)	
Inner Conductor		Solid Bare Copper	0.044	1.12
Dielectric		Foamed PE	0.116	2.95
First Shield		Bonded Alumium Foil	0.121	3.07
Second Shield		90% Tinned Copper Braid	0.144	3.66
Jacket	Outdoor	PE	0.195	4.95
	Indoor	PVC/TPE	0.195	4.95

Electrical Characteristics

Capacitance(pF/m)	80.3
Impedance(Ω)	50
Velocity of Propagation(%)	83.0
Conductor DCR(Ohm/km)	17.6
Outer shield DCR(Ohm/km)	16.1
Return Loss(dB)	≥ 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	1.8	5.8
50	2.3	7.5
150	4.0	13.1
220	4.8	15.9
450	7.0	22.8
900	9.9	32.6
1500	12.9	42.4
1800	14.2	46.6
2000	15.0	49.3
2500	16.9	55.4
5800	26.4	86.5

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