



Hangzhou Risingsun Cable Co., Ltd



RSLMR240

Construction		Material	Diameter(inch/mm)	
Inner Conductor		Solid Bare Copper	0.056	1.42
Dielectric		Foamed PE	0.150	3.81
First Shield		Bonded Alumium Foil	0.155	3.91
Second Shield		90% Tinned Copper Braid	0.178	4.52
Jacket	Outdoor	PE	0.240	6.10
	General Purpose	PVC	0.240	6.10

Electrical Characteristics

Capacitance(pF/m)	79.4
Impedance(Ω)	50.0
Velocity of Propagation(%)	83.0
Conductor DCR(Ohm/km)	10.5
Outer shleid DCR(Ohm/km)	12.8
Return Loss(dB)	≥ 20
Shielding Effectiveness(dB)	> 90
Max Operating Voltage(RMS)	5000
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	1.3	4.4
50	1.7	5.7
150	3.0	9.9
220	3.7	12.0
450	5.3	17.3
900	7.6	24.8
1500	9.9	32.4
2000	11.5	37.7
2500	12.9	42.4
5800	20.4	66.8

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