



Hangzhou Risingsun Cable Co., Ltd



RSLMR300

Construction		Material	Diameter(inch/mm)	
Inner Conductor		Solid Bare Copper	0.07	1.78
Dielectric		Foamed PE	0.190	4.83
First Shield		Bonded Alumium Foil	0.196	4.98
Second Shield		90% Tinned Copper Braid	0.225	5.72
Jacket	Outdoor	PE	0.300	7.62
	General Purpose	PVC	0.300	7.62

Electrical Characteristics

Capacitance(pF/m)	78.4
Impedance(Ω)	50.0
Velocity of Propagation(%)	82.0
Conductor DCR(Ohm/km)	7.0
Outer shleid DCR(Ohm/km)	7.3
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	1.1	3.5
50	1.4	4.5
150	2.4	7.9
220	2.9	9.6
450	4.2	13.8
900	6.1	19.9
1500	7.9	26.0
1800	8.7	28.7
2000	9.2	30.3
2500	10.4	34.2
5800	16.5	54.2

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