



Hangzhou Risingsun Cable Co., Ltd



RSLMR300-UF

Construction	Material	Diameter(inch/mm)	
Inner Conductor	Stranded 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 Out door/indoor	TPE	0.300	7.62

Electrical Characteristics

Capacitance(pF/m)	78.4
Impedance(Ω)	50.0
Velocity of Propagation(%)	82.0
Conductor DCR(Ohm/km)	9.7
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	1.3	4.2
50	1.6	5.4
150	2.9	9.4
220	3.5	11.5
450	5.1	16.6
900	7.3	23.8
1500	9.5	31.2
1800	10.5	34.4
2000	11.1	36.3
2500	12.5	41.0
5800	19.8	65.0

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