



Hangzhou Risingsun Cable Co., Ltd



RSLMR400

Construction	Material	Diameter(inch/mm)	
Inner Conductor	Solid CCA	0.108	2.74
Dielectric	Foamed PE	0.285	7.24
First Shield	Bonded Alumium Foil	0.291	7.39
Second Shield	90% Tinned Copper Braid	0.32	8.13
Jacket Out door/indoor	PE/PVC	0.405	10.29

Electrical Characteristics

Capacitance(pF/m)	78.4
Impedance(Ω)	50.0
Velocity of Propagation(%)	84.0
Conductor DCR(Ohm/km)	4.6
Outer shleid DCR(Ohm/km)	5.4
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	0.7	2.2
50	0.9	2.9
150	1.5	5.0
220	1.9	6.1
450	2.7	8.9
900	3.9	12.8
1500	5.1	16.8
1800	5.7	18.6
2000	6.0	19.6
2500	6.8	22.2
5800	10.8	35.5

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