



Hangzhou Risingsun Cable Co., Ltd



RSLMR600

Construction	Material	Diameter(inch/mm)	
Inner Conductor	Solid CCA	0.176	4.47
Dielectric	Foamed PE	0.455	11.56
First Shield	Bonded Alumium Foil	0.461	11.71
Second Shield	90% Tinned Copper Braid	0.49	12.45
Jacket Out door/indoor	PE/PVC	0.590	14.99

Electrical Characteristics

Capacitance(pF/m)	76.6
Impedance(Ω)	50.0
Velocity of Propagation(%)	85.0
Conductor DCR(Ohm/km)	1.7
Outer shield DCR(Ohm/km)	3.9
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	0.4	1.4
50	0.5	1.8
150	1.0	3.2
220	1.2	3.9
450	1.7	5.6
900	2.5	8.2
1500	3.3	10.9
1800	3.7	12.1
2000	3.9	12.8
2500	4.4	14.5
5800	7.3	23.8

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