



Hangzhou Risingsun Cable Co., Ltd



RSLMR600-UF

Construction	Material	Diameter(inch/mm)	
Inner Conductor	Strand BC	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	TPE	0.590	14.99

Electrical Characteristics

Capacitance(pF/m)	76.6
Impedance(Ω)	50.0
Velocity of Propagation(%)	87.0
Conductor DCR(Ohm/km)	1.4
Outer shleid 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	0.5	1.7
50	0.7	2.2
150	1.2	3.8
220	1.4	4.6
450	2.1	6.8
900	3.0	9.8
1500	4.0	13.1
1800	4.4	14.5
2000	4.7	15.3
2500	5.3	17.4
5800	8.7	28.6

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