



Hangzhou Risingsun Cable Co., Ltd

Applications:

Used as a connection cable in the high signal sequences of the wireless and data communication systems where lower attenuation required, such as Cellular, mobile antennas, local loop, wireless internet, broadband wireless data.

WLL, GPS, LMR, WLAN, WISP, Wimax, SCADA, Mobile Antennas require an easily routed, low loss RF Cable

RSLMR300-Multi5

Combo Cable

Construction:	Material	Diameter(mm)
Conductor	Solid Bare Copper	1.78
Insulation	Foam Polyethylene	4.83
1 st Shield	Bonded Aluminum Foil	4.98
2 nd Shield	90% Tinned Copper wire Braid	/
Jacket	PVC/ PE	7.62

Electrical Characteristics:

Capacitance(pF/m)	78.4±2
Impedance(Ω)	50±3
Velocity of Propagation(%)	82
Return Loss(dB)	≥20
Shielding Effectiveness(dB)	>90
Spark Test(VAC)	5000
Operating Temp Range(°C)	-40 to 85

Attenuation (20 °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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