

M1590BEF with messenger



Construction Specification

Item	Material	Diameter (mm)
1.Inner conductor	Copper Clad Aluminum	2.77+/-0.02
2.Dielectric	Foamed PE	11.43+/-0.05
3.Outer conductor	Al/Mg Braiding	0.12*96
4.Jacket	PE	14.52+/-0.5
5.Messenger	steel	1.8+/-0.2

Electrical Characteristics

1.Capacitance (pF/m)		50
2.Impedance (Ω)		75+/-3
3.Velocity (%)		87
4.Shielding Effectiveness (dB)		100
5.Maximum Working Voltage (Vrms)		5000
6.Return Loss (≥dB)	VHF UHF	23 20

Electrical Characteristics

1.Operating Temp (℃)		-40~+80
2.Min. Bend Radius (mm)		152
3.ROHS		comply

Attenuation

Frequency (MHz)	Typical Attenuation (dB/100m)	MAX Attenuation (dB/100m)
5	0.56	0.61
55	1.91	2.06
211	3.87	4.18
400	5.42	5.86
550	6.45	6.96
750	7.66	8.27
870	8.29	8.96
1000	8.93	9.65