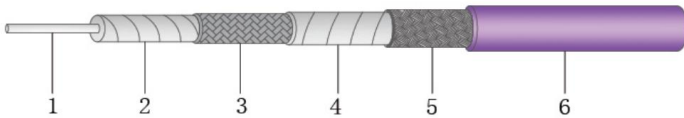


Features & Benefits

- Allowing bend from connector end
- 086 size, minimum bending radius 10 mm
- Operating to 67GHz with lower loss than MB250
- Eliminating the use of right angle connectors
- Robust with multi-interlayer
- Similar to Minibend cables

Cable Construction



No.	Construction	Size (mm)	Materials
1	Center conductor	0.51	Silver plated copper
2	Dielectric	1.55	Low density PTFE
3	Outer conductor	1.71	Silver plated copper wire braiding
4	Middle layer	1.81	Aluminum foil
5	Outer shield	2.04	Stainless steel wire
6	Jacket	2.50	FEP



Electrical

Frequency	DC-67 GHz
Impedance	50 Ω
Velocity of Propagation	75%
Shielding Effectiveness	>90 dB
Withstanding Voltage	500 V

Mechanical & Environmental

Min. Bending Radius Static	10mm
Min. Bending Radius Repeated	25mm
Weight	16g/m
Temperature(Operation)	-50~150 °C
Temperature(Storage)	-60~160 °C

Attenuation(Typical@25°C&VSWR=1.0) & Power(VSWR=1.0; 40°C; Sea level)

Frequency MHz	300	1000	2000	4000	6000	12000	16000	18000	27000	40000	50000	67000
dB/100 Meter	39.1	72.1	102.9	147.4	182.2	263.2	307.3	327.5	408.9	508.8	577.1	682.3
Avg.Power kW	0.190	0.103	0.072	0.050	0.041	0.028	0.024	0.023	0.018	0.015	0.013	0.011

Attenuation at any frequency=[2.23200×SQRT(FMHz)]+[0.001560×FMHz]

Available connectors

Cable P/N	Connectors	Gender	Orientation	Mounting	Max Freq.(GHz)	VSWR Max
MB250L	2.92mm	Male	Straight	Standard	40	1.4
MB250L	1.85mm	Male	Straight	Standard	67	1.45

Other connectors available upon request.