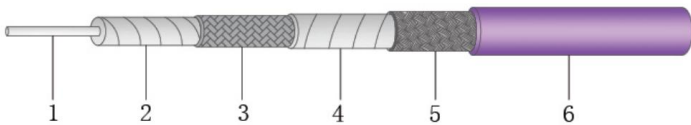


Features & Benefits

- Allowing bend from connector end
- 047 size, minimum bending radius 8mm
- Operating to 40GHz
- Eliminating the use of right angle connectors
- Robust with multi-interlayer
- Similar to Microbend cables

Cable Construction



No.	Construction	Size (mm)	Materials
1	Center conductor	0.36	Silver plated copper
2	Dielectric	1.14	Low density PTFE
3	Outer conductor	1.30	Silver plated copper wire braiding
4	Middle layer	1.45	Aluminum foil
5	Outer shield	1.66	Stainless steel wire
6	Jacket	2.00	FEP

Electrical

Frequency	DC-40 GHz
Impedance	50 Ω
Velocity of Propagation	70%
Shielding Effectiveness	>90 dB
Withstanding Voltage	700 V

Mechanical & Environmental

Min. Bending Radius Static	8mm
Min. Bending Radius Repeated	20mm
Weight	12g/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	500	1000	2000	4000	6000	8000	10000	12000	18000	26500	40000
dB/100 Meter	54.6	70.9	101.0	144.4	207.5	257.1	299.8	338.0	373.2	466.0	578.2	730.7
Avg. Power kW	0.100	0.077	0.054	0.038	0.026	0.021	0.018	0.016	0.015	0.012	0.011	0.007

Attenuation at any frequency = [3.107502 × SQRT(FMHz)] + [0.002729 × FMHz]

Available connectors

Cable P/N	Connectors	Gender	Orientation	Mounting	Max Freq.(GHz)	VSWR Max
MB200	SMA	Male	Straight	Standard	26.5	1.35
MB200	SMP	Female	Straight	Standard	26.5	1.35
MB200	SSMP	Female	Straight	Standard	26.5	1.35

Other connectors available upon request.