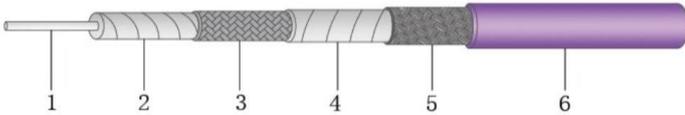


Features & Benefits

- Allowing bend from connector end
- Min bending radius from connector end 8.5 mm
- Operating to 40GHz
- Eliminating the use of right angle connectors
- Robust with multi-interlayer
- Similar to Mini141 cables

Cable Construction



No.	Construction	Size (mm)	Materials
1	Center conductor	0.91	Silver plated copper
2	Dielectric	2.72	Low density PTFE
3	Outer conductor	2.79	Silver plated copper wire braiding
4	Middle layer	2.95	Aluminum foil
5	Outer shield	3.20	Stainless steel wire
6	Jacket	3.61	FEP

Electrical

Frequency	DC-40 GHz
Impedance	50 Ω
Velocity of Propagation	76%
Shielding Effectiveness	>90 dB
Withstanding Voltage	1000 V

Mechanical & Environmental

Min. Bending Radius Static 360°	15 mm
Min. Bending Radius Repeated	36mm
Weight	31g/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	8000	10000	12000	14000	18000	26500	40000
dB/100 Meter	21.6	39.8	56.7	80.9	99.8	115.9	130.3	143.4	155.6	177.8	218.8	273.6
Avg. Power kW	0.637	0.346	0.243	0.170	0.138	0.119	0.106	0.096	0.089	0.078	0.063	0.051

Attenuation at any frequency = [1.238070 × SQRT(FMHz)] + [0.000650 × FMHz]

Available connectors

Cable P/N	Connectors	Gender	Orientation	Mounting	Max Freq.(GHz)	VSWR Max
BM360	2.92mm	Male	Straight	Standard	40	1.35
BM360	SMA	Male	Straight	Standard	26.5	1.35
BM360	SMA	Female	Straight	Standard	26.5	1.35
BM360	SMA	Female	Straight	Bulkhead	18	1.3

Other connectors available upon request.