

**Construction**

		Material	Diameter (mm)
1	Center Conductor	silver plated copper	0.31
2	Dielectric	ePTFE	0.88
3	Inner Conductor	Silver plated copper tape	1.00
4	Middle layer	ePTFE	1.20
5	Outer Conductor	Silver plated copper wire	1.45
6	Jacket	FEP(Gray)	1.85

Electrical & Mechanical Data

Operating frequency(GHz)	110
Impedance(ohms)	50
Velocity of propagation(%)	80
Operating Temperature (°C)	- 55°C ~125°C
Shield Effectiveness	> 90 dB
Weight	0.008 kg / m
Static bend radius	10 mm
Dynamic bend radius	20 mm
Dielectric Withstanding Voltage	400V,DC

Attenuation

Frequency (GHz)	Max.Attenuation (dB/100m)	Average power (kW)
1	113.7	0.039
2	161.6	0.027
3	198.5	0.022
6	282.9	0.016
8	328.0	0.014
18	499.3	0.009
26.5	611.5	0.007
40	760.4	0.006
67	1002.7	0.004
75	1065.9	0.004
110	1314.3	0.003