



Construction

	Material	Diameter (mm)
1 Center Conductor	silver plated copper	0.30
2 Dielectric	ePTFE	0.88
3 Inner Conductor	Silver plated copper tape	1.00
4 Outer Conductor	Silver plated copper wire	1.23
5 Jacket	PFA(Gray)	1.50

Electrical & Mechanical Data

Operating frequency(GHz)	40
Impedance(ohms)	50
Velocity of propagation(%)	80
Operating Temperature (°C)	- 55°C ~125°C
Shield Effectiveness	> 90 dB
Weight	0.0054 kg / m
Static bend radius	8 mm
Dynamic bend radius	15 mm
Dielectric Withstanding Voltage	400V,DC

Attenuation

Frequency (GHz)	Max.Attenuation (dB/100m)	Average power (kW)
1	113.7	0.097
2	161.6	0.068
3	198.5	0.056
6	282.9	0.039
8	328.0	0.034
10	368.0	0.030
12.4	411.3	0.027
18	499.3	0.022
26.5	611.5	0.018
40	760.4	0.015