



Structure & Dimension

	Structure	Dimension (mm)	Material
1	Inner Conductor	1.78	Silver Plated Copper
2	Insulating	5.33	LD-PTFE
3	Outer Conductor	6.35	Seamless Annealed Copper Tube Plating Ternary Alloy

Specification

1	Operating Frequency(GHz)	18
2	Impedance(Ohms)	50
3	Velocity of Propagation	76%
4	Voltage Withstand (Vrms@1min)	2200
5	Shielding Effectiveness(dB)	≥165
6	Weight(g/m)	136
7	Single Bend Radius(mm)	32.00
8	Temperature Range(℃)	-55~+250

Attenuation (Typical@25℃ & VSWR=1.0) VS. Frequency VS. Power (VSWR=1.0; 40℃; Sea Level)

Frequency (MHz)	1000	2000	3000	6000	8000	10000	12400	18000
Attenuation (dB/m)	0.183	0.262	0.324	0.470	0.549	0.621	0.699	0.861
Average Power (KW)	1.455	1.014	0.819	0.566	0.484	0.428	0.380	0.308

K1=0.5576000

K2=0.0006300

Calculate Attenuation = K1*√FMHz+K2*FMHz