

**Construction and Parameter**

	Raw Material	Diameter (mm)
Center Conductor	Silver plated copper	1.44
Dielectric	Low Density PTFE	4.06
1st Outer Conductor	Silver-plated copper tape	4.22
2nd Outer Conductor	Silver-plated copper braid	4.72
Jacket	Polyurethane	5.5 ± 0.13

Electrical Properties

Capacitance(pF/m)	86
Impedance(ohm)	50
Velocity of propagation(%)	77
Operating frequency(GHz)	26.5
Shielding effectiveness(dB @ 1GHz)	> 100

Mechanical and Environmental Properties

Min. bending radius(mm)	9.65	
Operating temperature range(°C)	-40°C~+85°C	
Phase Stability vs Flexure	10GHz	2°
	18GHz	2°
Phase change vs Temperature	≤2200ppm(-55°C~+85°C)	

Typical Attenuation(@20°C at Sea Level) dB/m and Power Handling W

Frequency (GHz)	Attenuation (dB/m)	Power Handling(W)
1.0	0.36	850
5.0	0.79	380
10.0	1.18	245
18.0	1.64	180
26.5	2.03	---

Draft	Checker	Approved	Date	Rev.	ECN	Name	Date
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