



## Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	2.30	0.0906
2. Dielectric	Microporous Teflon Film	6.30	0.2480
3. Outer Conductor	Silver Plated Copper Braid	7.00	0.2756
4. Outer Conductor	Silver Plated Copper Braid Shield		
5. Jacket	FEP	7.80	0.3071
6. Armour	PPTA (Aramid)	8.30	0.3268

## Electrical Characteristics

Impedance	50 ohm
Capacitance	83 pF/m
Velocity of Propagation	83%
Cut-off Frequency	18 GHz
Dielectric withstanding voltage	1300 VRMS
Shielding Effectiveness	90 dB

## Mechanical Characteristics

Min. Bending Radius (mm)	42
Weight	135 g/m

## Environmental Characteristics

Operating Temp(°C)	-55~+165
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## Attenuation & Average Power @ 20°C and Seal Level

Frequency(GHz)	Attenuation		Avg. Power (W)
	dB/1m	dB/1Ft	
0.5	0.120	0.037	2577
1.0	0.170	0.052	1812
3.0	0.280	0.085	1033
6.0	0.380	0.116	721
10.0	0.500	0.152	552
12.0	0.550	0.167	501
15.0	0.620	0.189	445
18.0	0.670	0.204	404