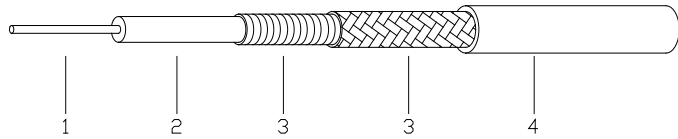


## PLEX320



### Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	2.40	0.0945
2. Dielectric	LD PTFE	6.60	0.2597
3. Outer Conductor	Spiral Wrapped Silver Plated Copper	7.50	0.2952
	Tape+ Silver Plated Copper Braid		
4. Jacket	Gray FEP	8.10	0.3189

### Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	83%
Operation frequency	18 GHz
Voltage Withstand (V.DC)	3000 V
Capacitance	80.4 pF/m
Shielding Effectiveness	100 dB

### Mechanical Characteristics

Min. Bending Radius (mm)	40
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### Environmental Characteristics

Operating Temp(°C)	-55~+125
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### Attenuation & Average Power @ 20°C and Seal Level

Frequency(GHz)	Attenuation		Avg. Power (W)
	dB/1m	dB/1Ft	
0.5	0.11	0.03	2712
1.0	0.16	0.05	1906
3.0	0.27	0.08	1084
4.0	0.31	0.09	934
6.0	0.37	0.11	756
8.0	0.43	0.13	649
10.0	0.47	0.14	577
12.0	0.52	0.16	524
15.0	0.58	0.18	465
18.0	0.63	0.19	421