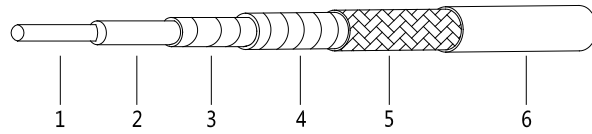


PLEX102P



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	0.51	0.0201
2. Dielectric	LD PTFE	1.60	0.0630
3. Outer Conductor	Silver Wrapped Silver Plated Copper Tape	1.76	0.0693
4. Interlayer	Composite materials	2.00	0.0787
5. Outer shields	Silver Plated Copper Braid	2.25	0.0886
6. Jacket	FEP	2.60	0.1024

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	74%
Operation Frequency (GHz)	67 GHz
Dielectric withstanding voltage	500 VRMS
Shielding Effectiveness	90 dB

Mechanical Characteristics

Min.Bending Radius (mm)	11
Cable Minimum Dynamic Bend Radius(mm)	28
Weight	20 g/m

Environmental Characteristics

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

Frequency(GHz)	Attenuation		Avg.Power (W)
	dB/1m	dB/1Ft	
1.0	0.631	0.19	271
2.0	0.901	0.27	190
4.0	1.291	0.39	132
6.0	1.598	0.49	107
10.0	2.095	0.64	82
18.0	2.877	0.88	59
26.5	3.559	1.08	48
40.0	4.480	1.36	38
50.0	5.085	1.55	34
60.0	5.647	1.72	30
67.0	6.019	1.83	28