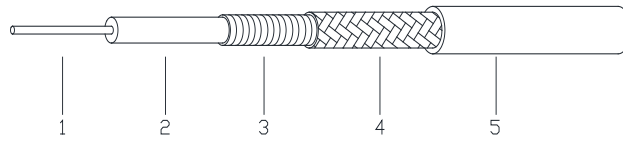


PLEX059



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	0.29	0.0114
2. Dielectric	LD PTFE	0.86	0.0339
3. Outer Conductor	Spiral Wrapped Silver Plated Copper Tape	1.02	0.0402
4. Outer shields	Silver Plated Copper Braid	1.23	0.0484
5. Jacket	Blue FEP	1.50	0.0591

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	74%
Operation frequency	18 GHz
Voltage Withstand (V.DC)	400 V
Shielding Effectiveness	90 dB

Mechanical Characteristics

Min. Bending Radius (mm)	7
Weight	7.5 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	
0.3	0.61	0.19	69
0.5	0.79	0.24	53
1.0	1.12	0.34	38
2.0	1.58	0.48	27
3.0	1.94	0.59	22
4.0	2.25	0.68	19
6.0	2.76	0.84	15
8.0	3.2	0.97	13
10.0	3.58	1.09	12
12.0	3.93	1.20	11
14.0	4.25	1.29	10
16.0	4.55	1.38	9.2
18.0	4.84	1.47	8.7