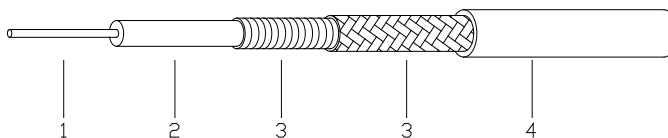


PLEX102S



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	0.51(7*0.17)	0.02
2. Dielectric	ND PTFE	1.50	0.059
3. Outer Conductor	Spiral Wrapped Silver Plated Copper	1.97	0.078
	Tape+ Silver Plated Copper Braid		
4. Jacket	BLUE PUR	2.50	0.098

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	74%
Operation frequency	67GHz
Voltage Withstand (V.DC)	500 V
Shielding Effectiveness	90 dB

Mechanical Characteristics

Min.Bending Radius (mm)	12
Weight	22g/m

Environmental Characteristics

Operating Temp(°C)	-55~+85
--------------------	---------

Attenuation & Average Power @ 20°C and Seal Level

Frequency(GHz)	Attenuation		Avg.Power (W)
	dB/1m	dB/1Ft	
0.3	0.389	0.12	340
0.5	0.503	0.15	263
1.0	0.715	0.22	185
3.0	1.256	0.38	105
6.0	1.799	0.55	73
8.0	2.091	0.64	63
10.0	2.352	0.72	56
12.0	2.59	0.79	51
18.0	3.216	0.98	41
26.5	3.963	1.21	33
40.0	4.966	1.51	27
50.0	5.622	1.71	23
67.0	6.628	2.02	20