


Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	0.32	0.013
2. Dielectric	LD PTFE	0.94	0.037
3. Outer Conductor	copper tube	1.19	0.047

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	77%
Operation Frequency (GHz)	116 GHz
Voltage Withstand (V.DC)	2700 V

Mechanical Characteristics

Min.Bending Radius Static (mm)	3.175	0.1250
Weight(g/m)	5.9	

Environmental Characteristics

Operating Temperature Range(°C)	-55~+250
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Attenuation & Average Power @ 20°C and Seal Leavel

Frequency (GHz)	Attenuation		Avg.Power (W)
	dB/1m	dB/1Ft	
0.5	0.72	0.22	125.6
1.0	1.02	0.31	88.7
5	2.30	0.70	39.4
10	3.28	1.00	27.7
18	4.43	1.35	20.5
26.5	5.42	1.65	16.8
40	6.71	2.04	13.6
50	7.55	2.30	12.1
65	8.67	2.64	10.6
90	10.30	3.13	8.9

参照百银线缆SR-50-047C-LL（UT-047C-LL）参数