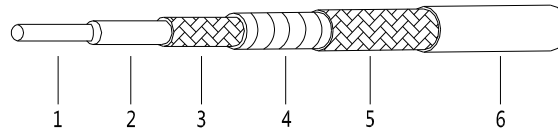


## HTC-047P



### Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	0.29	0.0114
2. Dielectric	PTFE	0.94	0.037
3. Outer Conductor	Silver Wrapped Silver Plated Copper Tape	1.12	0.044
4. Interlayer	High temperature aluminum foil	1.26	0.05
5. Outer shields	Silver Plated Copper Braid	1.49	0.059
6. Jacket	Blue FEP	1.7	0.067

### Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	70%
Operation frequency	67 GHz
Voltage Withstand (V.DC)	400 V
Shielding Effectiveness	90 dB

### Mechanical Characteristics

Min.Bending Radius (mm)	10.56
Weight	17 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	
0.3	0.712	0.22	500
1.0	13.17	4.01	270
2	1.886	0.57	189
4	2.713	0.83	131
6	3.367	1.02	106
10	4.435	1.35	80
12	4.9	1.49	73
14	5.333	1.62	67
18	6.131	1.87	58
26.5	7.623	2.32	47
40	9.659	2.94	37
50	11.007	3.35	32
67	13.101	3.99	27