

Antenna Information

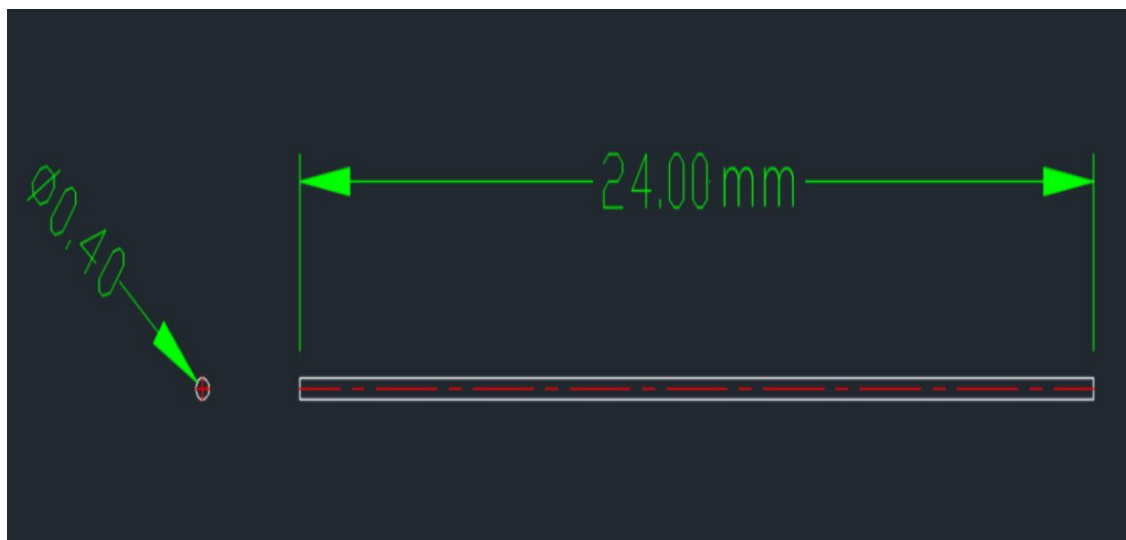
Manufacturer	Shenzhen Panlong Communication Technology Co., Ltd.
Antenna Type	Internal antenna
Antenna Model	Bluetooth cable
Antenna Part Number	3.30.P111.001
Antenna Frequency Range	2400-2500MHz
Manufacturer Address	201, 2nd Floor, Baisifu Maker, No. 8 North Second Lane, Shiyan Liguang Water Plant, Bao'an District, Shenzhen City
Antenna Peak Gain	0.76dBi MAX
Antenna Dimension (LxHxW)	Diameter 0.4mm*24mm

Antenna Photo



Antenna Top View

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With Ruler]



Antenna Pattern/Gain Measurement data/Table:

Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficiency (dBi)	-5.49	-5.48	-5.18	-5.16	-5.37	-5.02	-5.02	-5.15	-4.76	-4.93	-5.02
Gain (dBi)	-0.29	-0.33	0.03	0.18	0.21	0.73	0.76	0.48	0.65	0.28	-0.15
Efficiency (%)	28.25	28.31	30.35	30.45	29.02	31.46	31.48	30.55	33.42	32.17	31.51
Directivity (dB)	5.20	5.15	5.21	5.35	5.59	5.75	5.77	5.63	5.41	5.20	4.86
Peak Gain Position (Theta)	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	45.00
Peak Gain Position (Phi)	30.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	60.00
Efficiency ThetaPol (%)	8.97	8.80	9.38	9.26	8.62	8.90	8.59	8.18	8.46	7.77	7.27
Efficiency PhiPol (%)	19.28	19.52	20.96	21.19	20.40	22.56	22.90	22.37	24.96	24.40	24.24
Upper Hem. Efficiency (%)	15.30	15.39	16.57	16.70	15.97	17.28	17.28	16.70	18.28	17.59	17.17
Lower Hem. Efficiency (%)	12.95	12.92	13.78	13.75	13.05	14.18	14.20	13.85	15.14	14.58	14.34

Antenna Radiation Pattern

