



Manufacturer: Shenzhen Furui Communication Technology Co., Ltd.
Address: No. 2, Shuangbai (Guming) Industrial Park, Shangcun
Community, Gongming Street, Guangming District, Shenzhen

Antenna Specification

Customer Name: _____

Customer Number: _____

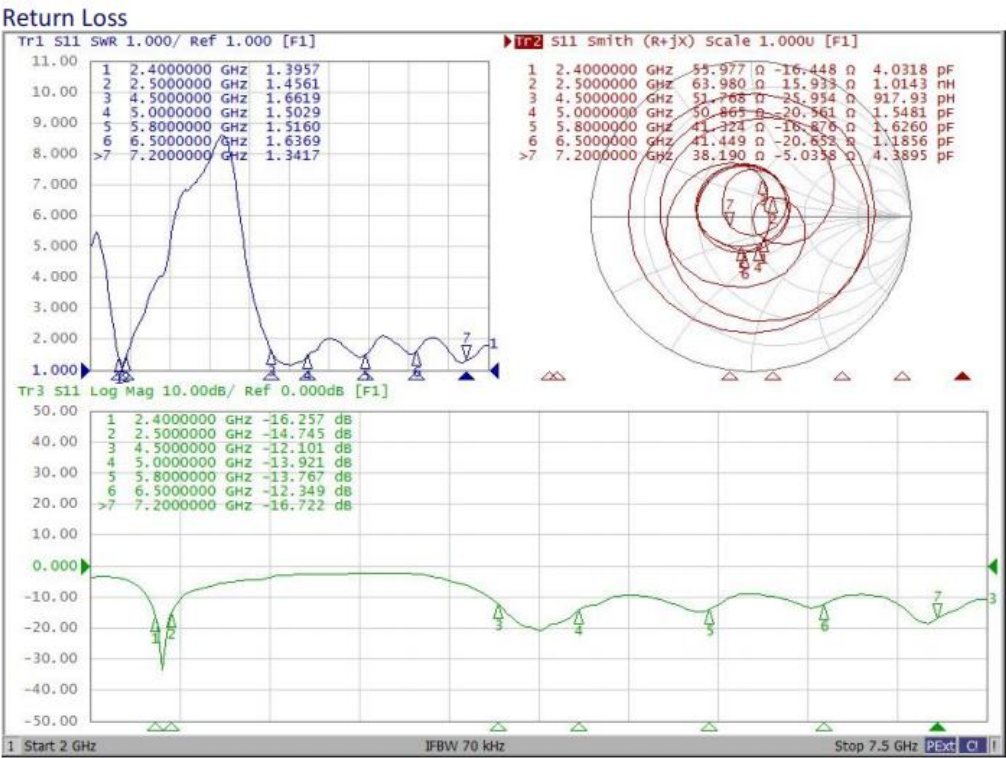
Specification description: 2. 4G/5. 8G dual-band FPC built-in antenna

Date: 2025-10-14

1. Product Image:



2. Electrical Data:



3. Product Performance Parameters:

电性能指标 Electrical Specifications	
频率范围 Frequency Range (MHZ)	2.4G/5.8G
输入阻抗 Input Impedence (Ω)	50
电压驻波比 V. S. W. R	≤1.5
增益 Gain (DBI)	4.09dBi
极化形式 Polarzation Type	垂直 Vertical
最大功率 Maximum power (W)	5W
垂直面波瓣角度 Vertical lobe Angle (E)	45-60°
水平面波瓣角度 Water plane lobe Angle (H)	360°
机械指标 Mechanical Specifications	
连接器型号 Connect Type	IPEX1 代
电缆型号 Cable Type	RG1.13 黑色
天线尺寸 Size	总高 37*10MM
工作温度 Operating Temp	-40~+85℃
储存温度 Storage Temp	-40~+85℃

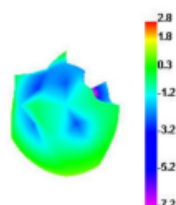
Gain, Efficiency

Freq (MHz)	Effi (%)	Gain (dBi)	Freq (MHz)	Effi (%)	Gain (dBi)
5150	53.43	3.21	2400	49.75	2.79
5175	45.12	2.07	2410	49.74	2.68
5200	47.24	2.53	2420	52.97	2.68
5225	48.06	1.86	2430	53.23	2.95
5250	45.78	1.96	2440	59.52	3.51
5275	46.12	2.06	2450	63.82	3.52
5300	46.73	2.59	2460	62.27	3.38
5325	47.96	1.71	2470	57.09	2.96
5350	54.3	3.33	2480	54.58	2.91
5375	52.31	2.25	2490	52.64	2.92
5400	57.91	2.78	2500	51.21	2.88

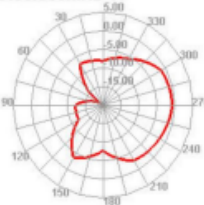
1.9

5425	47.5	1.83
5450	54.94	2.5
5475	53.69	1.85
5500	57.6	2.66
5525	56.1	1.47
5550	61.28	3.04
5575	50.29	1.89
5600	61.68	2.96
5625	52.07	2.28
5650	65.15	3.1
5675	49.31	2.67
5700	61.09	3.5
5725	50.48	3.08
5750	64.64	4.09
5775	51.13	3.27
5800	60.72	3.47
5825	53.43	2.82
5850	64.15	3.16

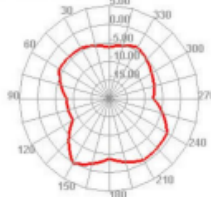
2400.000MHz



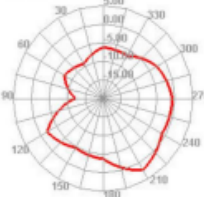
2400.000MHz H



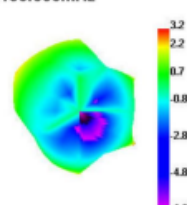
2400.000MHz E1



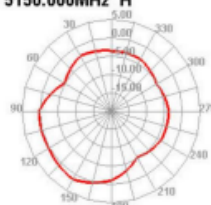
2400.000MHz E2



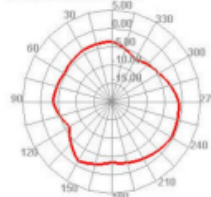
5150.000MHz



5150.000MHz H



5150.000MHz E1



5150.000MHz E2

