

antenna SPECIFICATION

Product description: 2.4G FPC Antenna

Uni Link's part number: GDT-SL--50

Issue Date: 2022-09-27

Note: 2400-2500MHZ

Manufacturer: Shenzhen Guandetong Electronic Co., Ltd.

Address: No. 301, 1# Road, Xiawei Industrial Area, Zhangkengjing
Community, Guanhu Street, Longhua Distric, Shenzhen

1、（PRODUCT TECHNICAL SPECIFICATION）

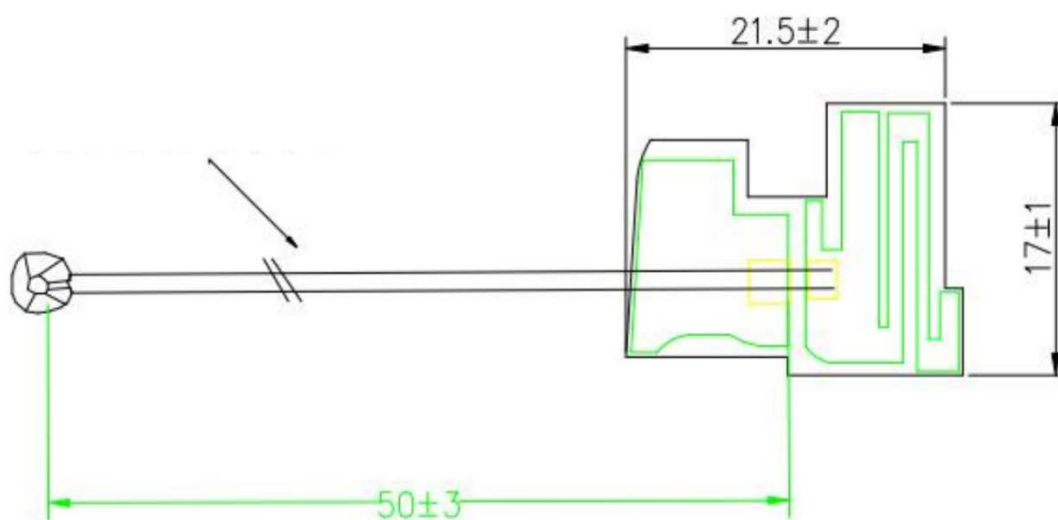
Electrical Specifications	
Frequency Range (MHz)	2400-2500
Input Impendence (Ω)	50
V.S.W.R	≤ 2
Gain (dBi)	2.07
Polarization Type	Horizontal
Power Capacity (w)	50
Mechanical Specifications	
Antenna Length (mm)	mm
Radiator	Cuprum
Connect Type	IPEX 1

Working Temp(°C)	-10~40
Storage Temperature(°C)	-40~85
antenna size	21.5mmx17mm

2、PRODUCT PICTURE



3、PRODUCT SPECIFICATION CHART



4、Antenna Gain

Test Point ID	Freq. (MHz)	TRP (dBm)	Gain (dBi)	Directivity (dBi)	Efficiency (%)	Efficiency (dB)	Max (dBm)	Theta of Max	Phi of Max	Min (dBm)	Theta of Min	Phi of Min	AVG (dBm)	Max/Min (dB)	Max/AVG (dB)	Min/AVG (dB)
1	2400.0	2400.00	0.98	4.04	49.4%	-3.06	0.98	120	90	-95.99	0	0	-3.17	96.97	4.16	-92.82
2	2410.0	2410.00	1.25	4.35	49.0%	-3.10	1.25	90	135	-95.99	0	0	-3.00	97.24	4.25	-92.99
3	2420.0	2420.00	1.74	4.71	50.5%	-2.97	1.74	90	135	-95.99	0	0	-2.62	97.73	4.36	-93.37
4	2430.0	2430.00	2.07	4.77	53.7%	-2.70	2.07	90	135	-95.99	0	0	-2.20	98.06	4.27	-93.79
5	2440.0	2440.00	1.71	4.63	51.0%	-2.92	1.71	90	135	-95.99	0	0	-2.49	97.70	4.20	-93.50
6	2450.0	2450.00	1.62	4.50	51.5%	-2.88	1.62	90	135	-95.99	0	0	-2.46	97.61	4.07	-93.53
7	2460.0	2460.00	1.70	4.46	52.9%	-2.76	1.70	90	135	-95.99	0	0	-2.36	97.69	4.05	-93.63
8	2470.0	2470.00	1.65	4.37	53.5%	-2.72	1.65	90	135	-95.99	0	0	-2.54	97.64	4.18	-93.45
9	2480.0	2480.00	1.39	4.16	52.8%	-2.77	1.39	90	135	-95.99	0	0	-2.99	97.38	4.38	-93.00
10	2490.0	2490.00	1.25	4.36	48.9%	-3.11	1.25	90	135	-95.99	0	0	-3.42	97.24	4.67	-92.57
11	2500.0	2500.00	1.44	4.46	49.9%	-3.02	1.44	90	135	-95.99	0	0	-3.42	97.43	4.85	-92.57

