

Shenzhen Pudawei High-tech Co., LTD

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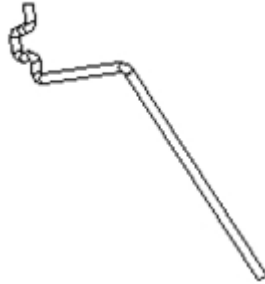
Fax No. : 0755-29163512

WIFI Antenna (C0824)

1. Explanation of Product number :

S L K - P D W - C 0 8 2 4

1



Product Code:

(1) Project:

C0821: SLK-PDW-C0824 (WIFI antenna 2.4~2.5GHz)

2. Features

- *Stable and reliable in performances
- *Compact size
- *RoHS compliance

3. Applications

- * IEEE802.11 (b/g/n)
- * Hand-held devices when WIFI (802.11 b/g/n) functions are needed

4. Description

Holy bond's Spring antenna series are specially designed for WIFI (802.11 b/g/n) applications. Based on Holy bond's proprietary design and processes, this Integrate antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

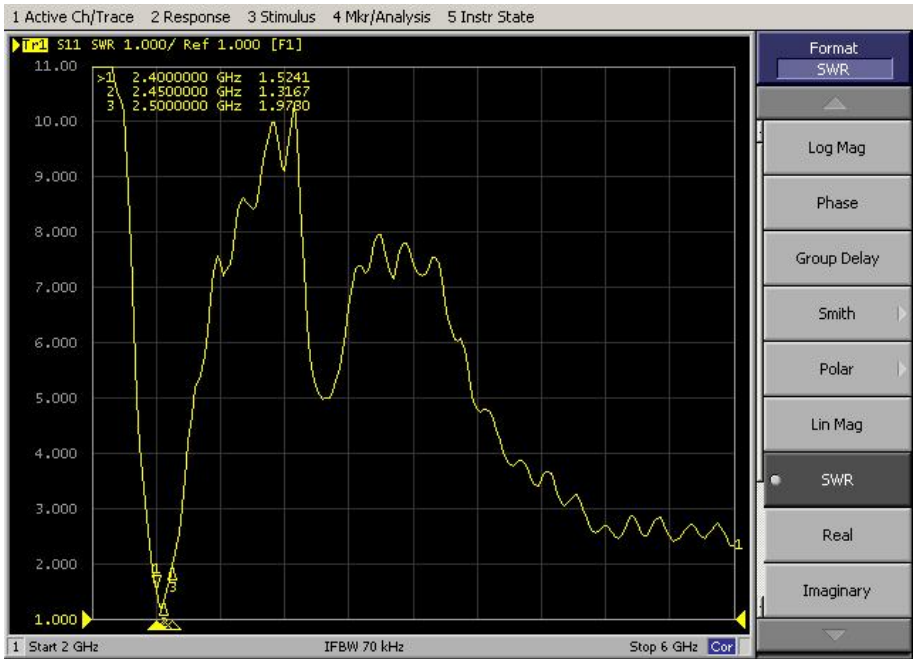
5. Electrical Specifications

5-1

Characteristics	Specifications	Unit
Outline Dimensions	24x16.21x 0.8	mm
Center Frequency	2.4-2.5	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	
Impedance	50	Ω
Polarization	Linear Polarization	

5-2

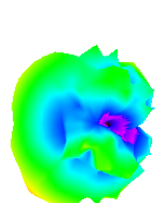
VSWR



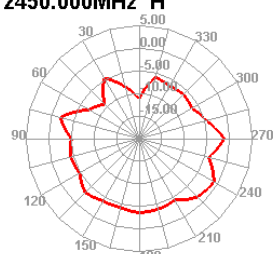
5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	54.43	-3.52	1.87
2410	52.13	-3.75	1.75
2420	53.58	-3.61	1.85
2430	52.43	-3.72	1.81
2440	56.45	-3.33	2.04
2450	59.93	-3.02	2.38
2460	59.88	-3.02	2.57
2470	60.65	-2.95	2.59
2480	62.87	-2.77	2.8
2490	63.75	-2.7	3.02
2500	63.22	-2.74	2.97

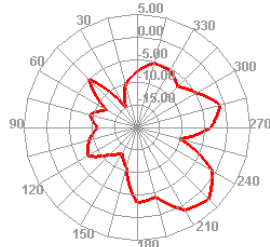
2450.000MHz



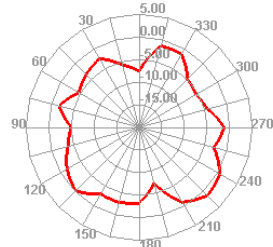
2450.000MHz H



2450.000MHz E1



2450.000MHz E2



6. Antenna Dimensions (unit: mm)

