

WIFI Antenna

1. Explanation of Product number :

S L K - P D W - B 2 . 5 - 1 8 0 - B

1 2 3 4



Product Code:

(1) Customer:

PDW:

(2) Antenna Name:

B2.5: Brass(2.5*25*1.1)

(3) Cable:

180: 180*1.13MM

(4) Cable Color:

B: Black

2. Features

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

Shenzhen Puda micro high-tech Co., LTD
Room 607, Building B, Qianwan Hard Science and Technology Industrial Park,
Nanchang Community, Xixiang Street, Baoan District, Shenzhen
Copper tube antenna

3. Description

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

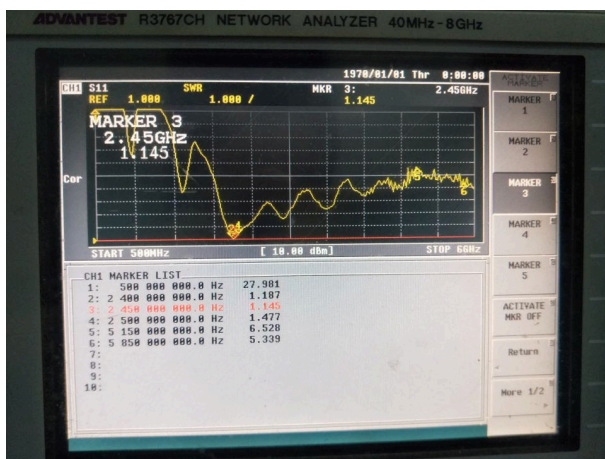
4. Electrical Specifications

4-1

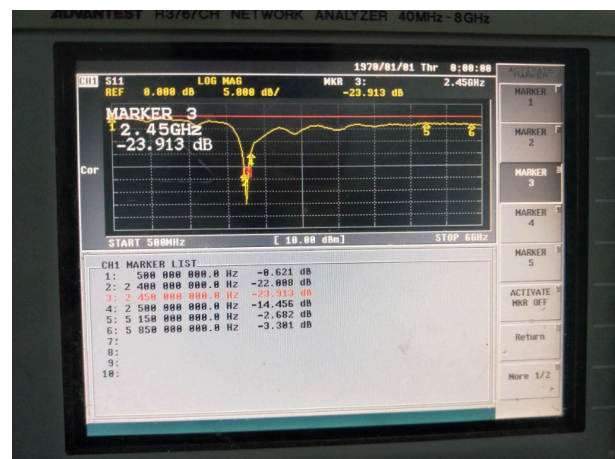
Characteristics	Specifications	Unit
Outline Dimensions	2.5 x 25 x 1.1	mm
Center Frequency	2.4-2.5	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	2max	
Impedance	50	Ω

4-2

VSWR



S11

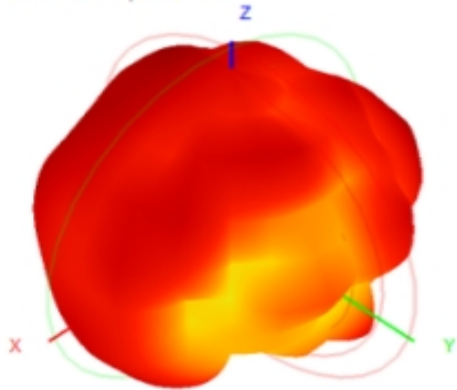


4-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency(MHz)	Efficiency (%)	Gain(dBi)
2400	54.6%	-2.63
2450	56.0%	-2.52
2500	53.5%	-2.72

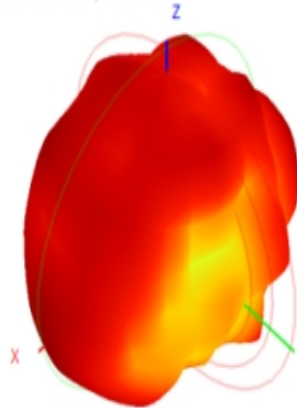
2400MHZ Gain: -2.63dBi

2400.0MHz H+V, Eff: 57.4%



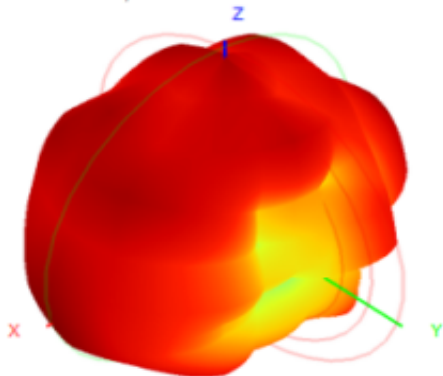
2450MHZ Gain:-2.52dBi

2450.0MHz H+V, Eff: 56.9%



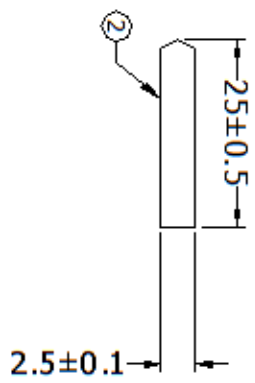
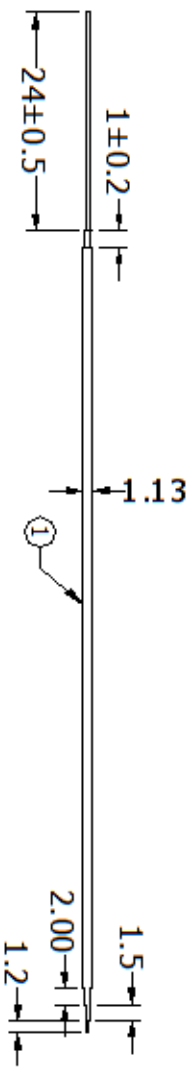
2500MHZ Gain:-2.72dBi

2500.0MHz H+V, Eff: 54.1%



ROHS

REV.	CONTENT	DATE
A		



TITLE: 2.4GHz 2dBi Antenna L=180mm		DATE: 2024.7.12	
P/N: SLKPDW-B2.5-180-B		REV: MR:	
FIT		1	
1		2024.7.12	
DESCRIPTION		REMARK	
NO	DESCRIPTION	QTY	REMARK
1	Cable	1	
2	Brass	1	
	Odorless Silver	1	

6. Antenna Dimensions (unit: mm)