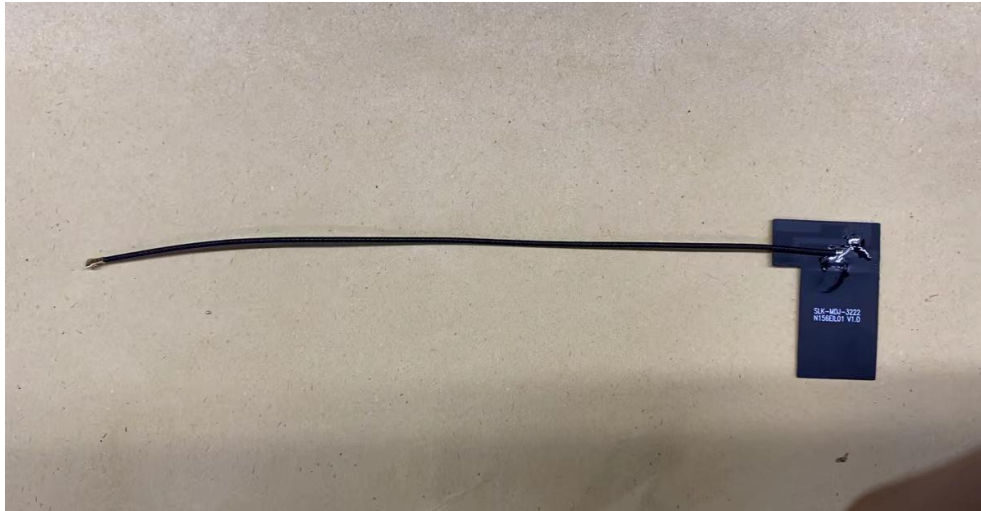


# Antenna

## 1. Explanation of Product number :

**S L K - M D J - 3 2 2 2 - L - 2 7 0 I V - B**

**1                      2                      3                      4                      5**



Product Code:

(1) Customer:

MDJ

(2) Project:

3222: SLK-MDJ-3222 (WIFI antenna)

(3) Welding Position

L: Left

(4) Cable Length:

270IV: 270\*1.13MM

(5) Cable Color

B: Black

## 2. Features

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

## 3. Applications

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

#### 4. Description

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

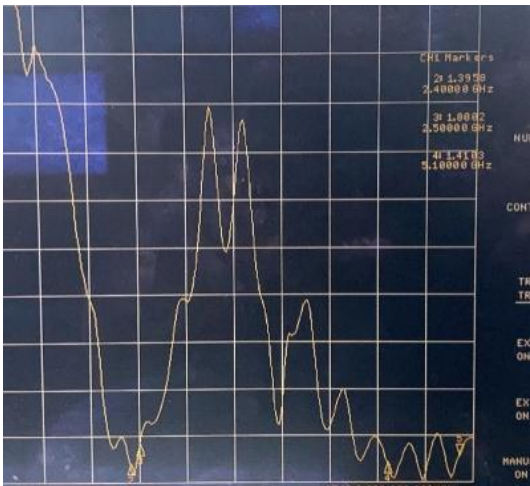
#### 5. Electrical Specifications

5-1

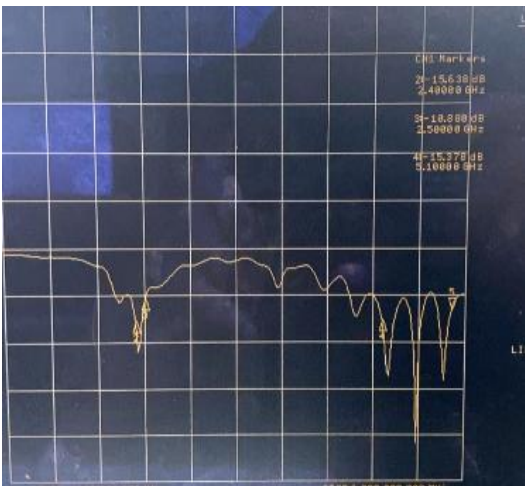
Characteristics	Specifications	Unit
Outline Dimensions	22.23x32.22x 0.12	mm
Center Frequency	2.4-2.5/5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR



S11



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

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	40.71	-3.9	2.83
2410	45.61	-3.41	3.18
2420	44.17	-3.55	3
2430	44.96	-3.47	3.55
2440	46.11	-3.36	3.98
2450	48.85	-3.11	4.44
2460	42.24	-3.74	3.15
2470	44.87	-3.48	4.22
2480	45.56	-3.41	3.33
2490	48.03	-3.18	4.41
2550	45.53	-3.42	4.1
5150	40.01	-3.98	1.95
5350	41.61	-3.81	2.03
5500	41.55	-3.81	3.03
5650	42.78	-3.69	3.87
5850	41.83	-3.78	4.69

