

SPECIFICATION FOR APPROVAL

Supplier Specification Model (SLK Filling) : WIFI0:SLK-SDZL-3212A-L-650I-B-1.13DS

Shengda Intelligent Connectivity Technology Co., Ltd

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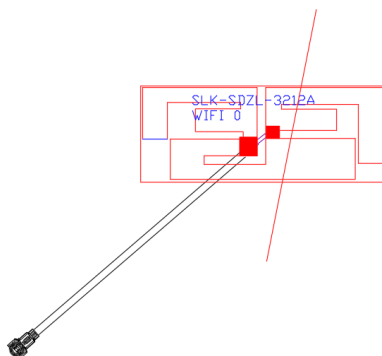
TEL:18666299104

WIFI0 Antenna (3212A)

1. Explanation of Product number :

S L K - S D Z L - 3 2 1 2 A - L - 6 5 0 I - B - 1 . 1 3 D S

1 2 3 4 5



Product Code:

(1) Customer:

SDZL:晟达智联

(2) Project:

3212A: SLK-3212A(WIFI0 antenna)

(3) Welding Position

L:Left

(4) Cable Length:

650I: 650I*1.13MM(低损耗线)

(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 (802.11 a/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

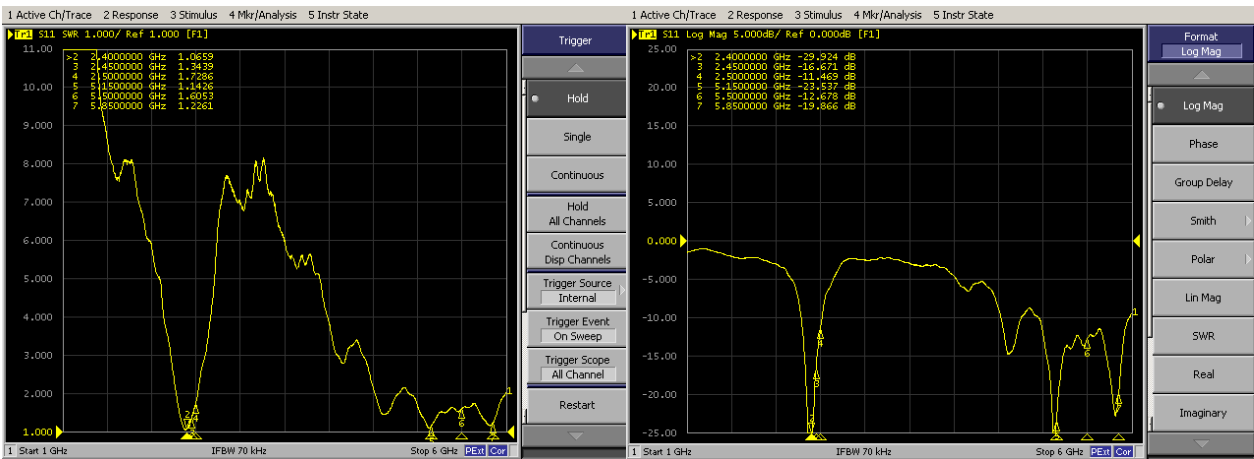
5-1

Characteristics	Specifications	Unit
Outline Dimensions	32.29x12.68x 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

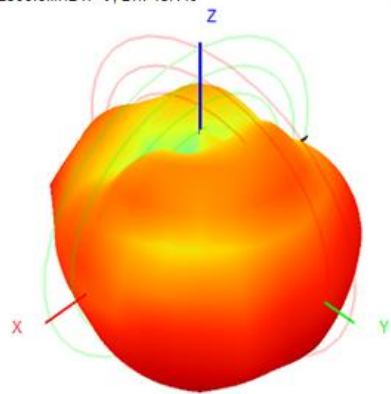
S11



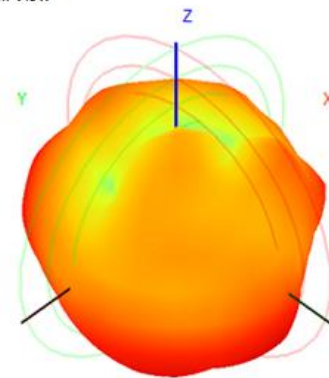
5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-3.38	1.10	45.86
2410	-3.49	1.27	44.75
2420	-3.30	1.43	46.72
2430	-3.35	1.74	46.16
2440	-3.37	1.98	45.99
2450	-3.42	1.94	45.48
2460	-3.53	1.36	44.28
2470	-3.43	1.93	45.38
2480	-3.32	1.11	46.51
2490	-3.32	1.17	46.54
2500	-3.45	1.83	45.12
5150	-3.37	2.74	45.94
5250	-3.42	2.13	45.42
5450	-3.23	2.89	47.44
5850	-3.57	2.58	46.91

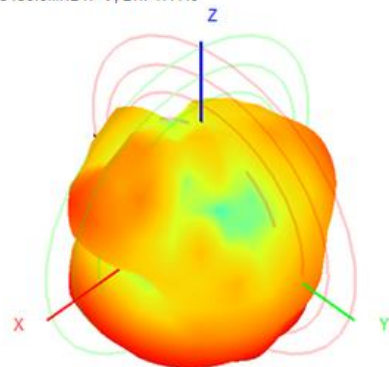
2500.0MHz H+V, Eff: 45.1%



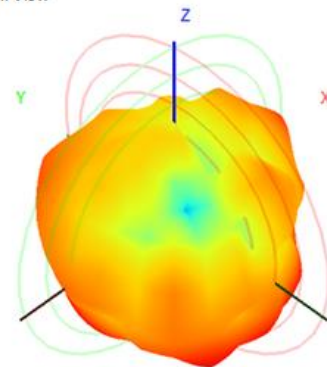
Back View



5450.0MHz H+V, Eff: 47.4%



Back View



6. Antenna Dimensions (unit: mm)

