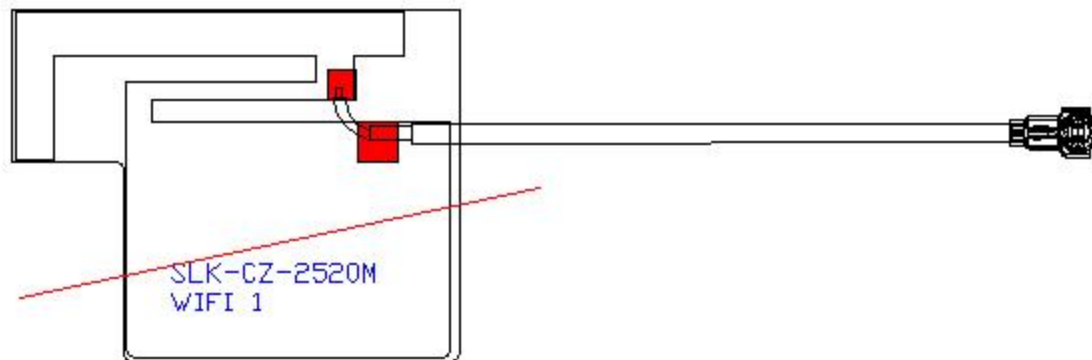




MANUFACTORY: Shenzhen Orange Digital Technology Co., Ltd

WIFI 1

4. Explanation of Product number :



5. Features

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

6. Applications

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

7. Description

Holy bond's FPC antenna series are specially designed for WIFI (802.11b/g/n/a) 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.

8. Electrical Specifications

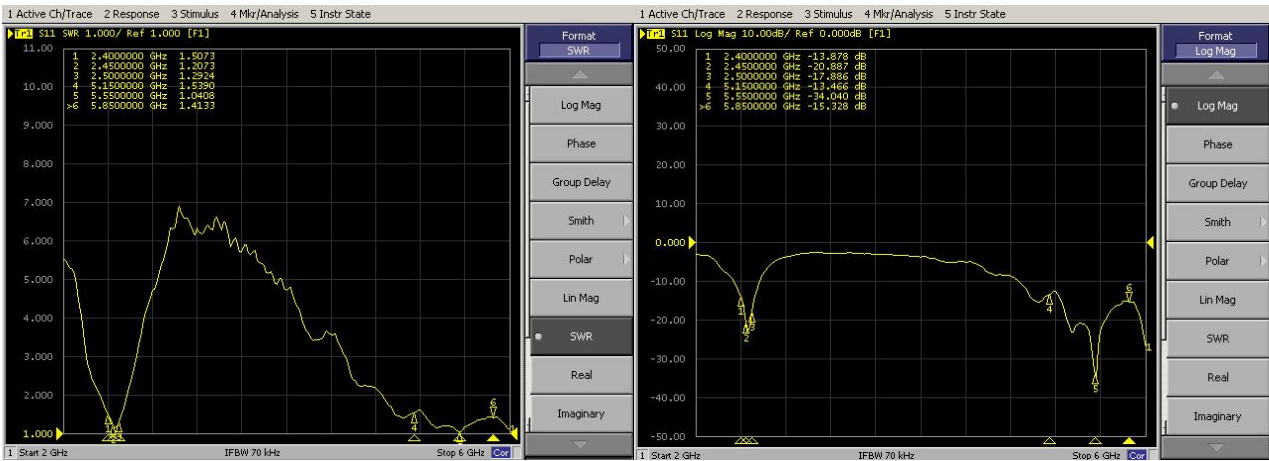
8-1

Characteristics	Specifications	Unit
Outline Dimensions	25.43x20.09x0.12	mm
Center Frequency	2.4-2.5+5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

8-2.

VSWR

S11

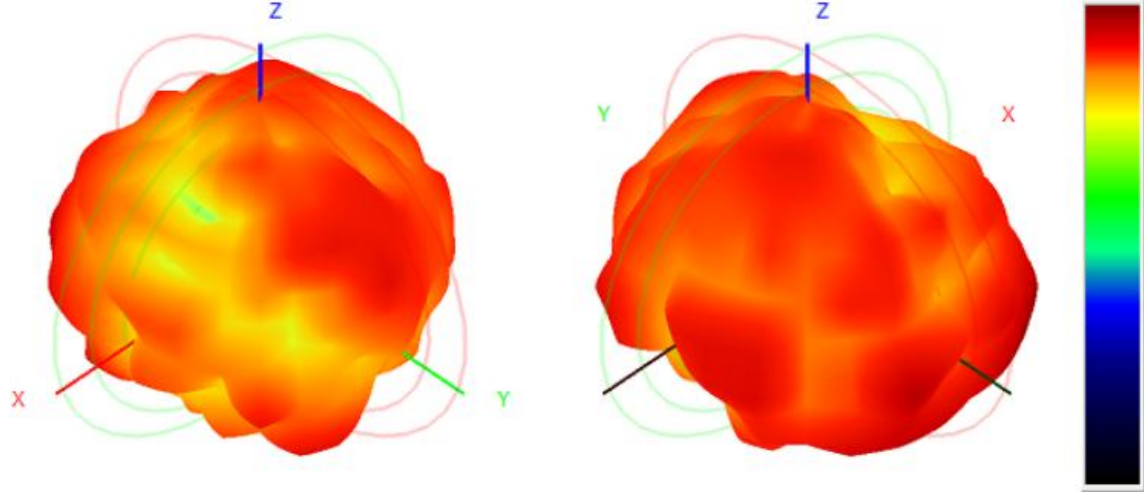


8-3.WIFI +BT Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0	5150.0	5350.0	5500.0	5650.0	5850.0
Efficiency (dBi)	-2.79	-2.82	-2.81	-2.63	-2.52	-2.48	-2.64	-2.60	-2.61	-2.62	-2.64	-2.96	-2.85	-2.65	-2.97	-2.85
Gain (dBi)	2.55	2.39	2.34	2.40	2.34	2.31	2.22	2.12	2.24	2.27	2.41	2.29	2.60	2.45	2.48	2.14
Efficiency (%)	52.48	52.18	52.27	54.54	55.86	56.40	54.44	54.91	54.78	54.58	54.41	50.55	51.90	54.33	50.40	51.80

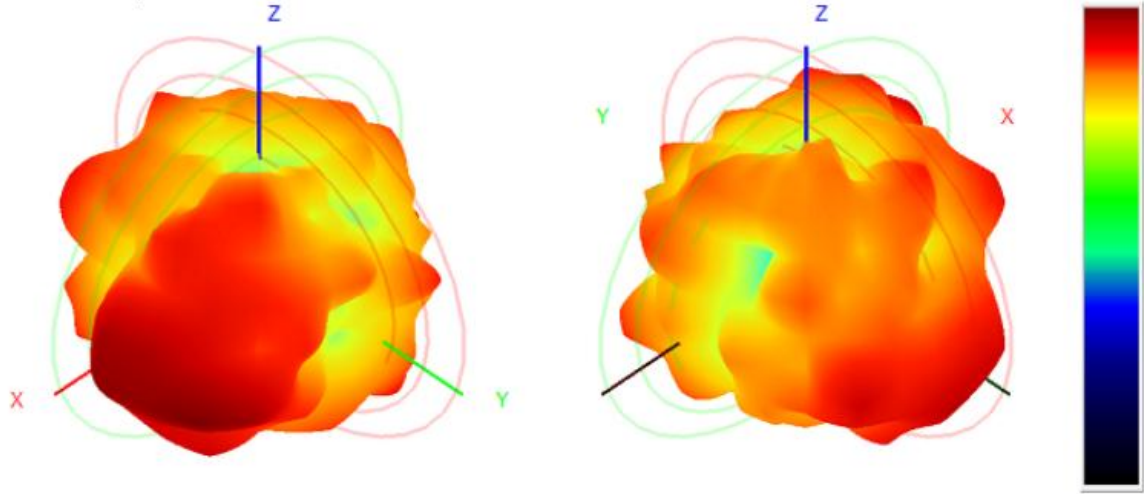
2400.0MHz H+V, Eff. 52.5%

Back View



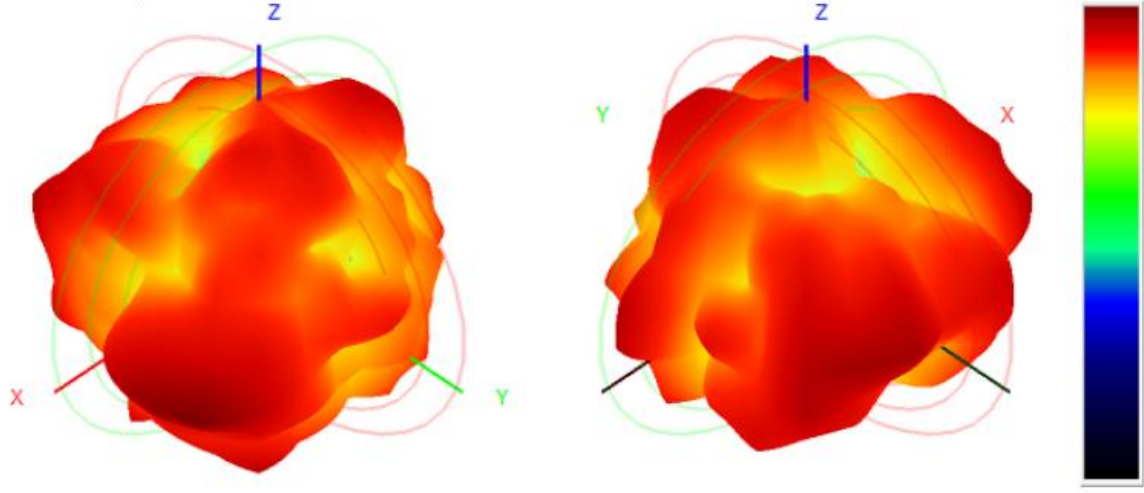
5350.0MHz H+V, Eff. 51.9%

Back View



5850.0MHz H+V, Eff. 51.8%

Back View



Technical drawing of a cable assembly, showing two views: a top view (left) and a side view (right). The drawing includes dimensions and part numbers.

Top View (Left):

- Overall length: 265 ± 3
- Width of the main body: 25.43 ± 0.2
- Width of the cable: 20.09 ± 0.2
- Distance from the main body to the cable: 8.7 ± 0.2
- Distance from the main body to the cable (inner): 1.20
- Distance from the main body to the cable (outer): 2.50
- Distance from the main body to the cable (inner): 2.00

Side View (Right):

- Part number: ~~SLK-CZ-2520M~~ WFI 1

Dimensions:

- Overall length: 265 ± 3
- Width of the main body: 25.43 ± 0.2
- Width of the cable: 20.09 ± 0.2
- Distance from the main body to the cable: 8.7 ± 0.2
- Distance from the main body to the cable (inner): 1.20
- Distance from the main body to the cable (outer): 2.50
- Distance from the main body to the cable (inner): 2.00