

产 品 规 格 书

PRODUCT SPECIFICATION SHEET

Product name: 2.4GHz Antenna L=150mm

Product Part number: LY-P208-150

Sample delivery date: 2021-1-5

Project confirmation:

Examine and approve	Project	Compile	Signature
Approval	Quality	Engineer	

Admission book item table

Item	Description
1.....	Admit the cover
2.....	Admission book item table
3.....	Engineering drawing
4.....	Electrical test report

RF Antenna Cable Assembly

Specification

1. Electrical Properties

- 1.1 Frequency Range.....2.4GHz-2.5GHz
- 1.2 Impedance.....50 Ω Nominal
- 1.3 VSWR.....1.92:1MAX
- 1.4 Return Loss.....-10dB Max
- 1.5 Gain(peak)2dBi
- 1.6 Cable loss.....0.3dBi Max
- 1.7 Polarization.....Linear Vertical
- 1.8 Admitted Power.....2W
- 1.9 Cable.....0. D 1.13mm
- 1.10 Conn.....Tin

2. Physical Properties:

- 2.1 Antenna Material..... FPC
- 2.4 Operating Temp.....-20°C- +65°C
- 2.5 Storage Temp.....-30°C- +75°C
- 2.6 Color.....BLACK

REV	DATE	DESCRIPTION
A	05/13-2014	New Issue



2	FPC	1	L20.2mm/W8.5mm(??)
1	Coaxial Cable	1	O.D.1.13mm (???)
NO	PART NAME	Q'TY	DESCRIPTION

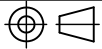


Tel:0769-81239683
13538661663

TITLE: wifi Antenna L=150mm

PART NO.: LY-208-150

DWG NAME: LY-208 .dwg

APPROVED BY	CHECKED BY	DESIDNED BY		Tolerance
		马 兰	UNITS: mm	X. ±1.0
			SCALE: 1/1	X.X ±0.5
			REVISION: A	X.XX ±0.2

RF Antenna Assembly

SPEC:2.4~2.5GHz



Frequency(MHZ)	VSWR
2400	1.64
2450	1.48
2500	1.46

Frequency	Efficiency (%)	Average GAIN(dB)	Peak GAIN (dBi)
2400	40.43	-4.23	1.33
2450	41.43	-3.85	1.26
2500	39.21	-4.07	1.42

3D pattern(wifi bandfrequency2450MHz)

