


1.General matters

1.1 scope of application: 2.4WIFI antenna

1.2 operating temperature range: The temperature range of this product is -20 ~ +75°C

1.3 Storage temperature range: This product is stored at -30 ~ +60°C

2.Product specifications

NO.	ITEMS	DETAILS
1	type	Colloidal 433MHZ
2	frequency band	420-440
3	VSWR	≤2.0
4	GAIN	1.2dBi
5	impedance	50Ω
6	Antenna type	Glue rod antenna
7	Antenna Present form	Colloidal antenna
8	Picture of antenna	

3.Product structure parameters

3.1Product material composition:

NO.	material	Specification (MM)
1	Antenna+connector	43MM/SMA

3.2exterior

The product has a good appearance, without scars, sweat marks, bumps and other defects that seriously affect the appearance.

3.3Structural dimensions

Refer to product drawings:



3.4 Product electrical performance test data

3.5 Test environment and instruments and equipment

testing environment:

Temperature: 10°C—+30°C

relative humidity: ≤80% (+40°C)

atmospheric pressure: 750mmkg±30mmkg

testing equipment:

5071C network analyzer

ETS microwave darkroom

3.6 Electrical performance test data of products:

S11 diagram of the product:

(Single antenna test is not in the whole machine)

Marker	420MHz	433MHz
Log Mag	-15	-10.4
VSWR	1.2	1.8

Marker 1 433.000000 MHz

Tr1 S11 SWR 1.000/ Ref 1.000



Tr2 S11 Log Mag 10.00dB/ Ref 0.000dB

