

Transparent antenna specification

1 Wire internal material

Main material	serviceable range	remarks
Transparent silica gel material	Outside the conductor is used.	environmental protection
copper wire	Copper diameter of conductor of wire is 0. 1.	environmental protection
Environmental protection tin	Stripping and tin plating of conductor	environmental protection

2 Product performance

Specifications and dimensions

name of an article	area of application	line supervisor	Wire color	exterior
2.4G antenna	Conductor on circuit board	35MM	transparent color	No damage, scratches, oil stains and other defects on the surface.

3 Wire performance

serial number	project	standard
1	pressure proof	60V
2	Withstand current	1500MA
3	contact resistance	30mΩ MAX

4	insulance	1000mΩ MIX
5	pulling force	0.9 kg
6	Temperature tolerance	85 degrees

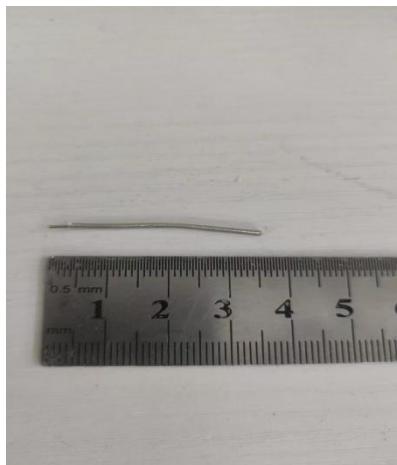
4 Reliability testing

serial number	project	standard	test method
1	Excluding 16P and ROHS.	Sixteen components are less than 0. 1%.	Third-party authoritative testing organization

5 Precautions for use

Note: The temperature should not exceed 80°C and the current should not be higher than 1.5A.

6 Diagrammatic presentation



8 Appendix

Product Specification

A. Electrical Characteristics

Frequency 2405MHz~2475MHz

VSWR <3.0

Efficiency >30%

Impedance 50 Ohm

Polarization Line

Gain 0DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.0 19P

transparent

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 85 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

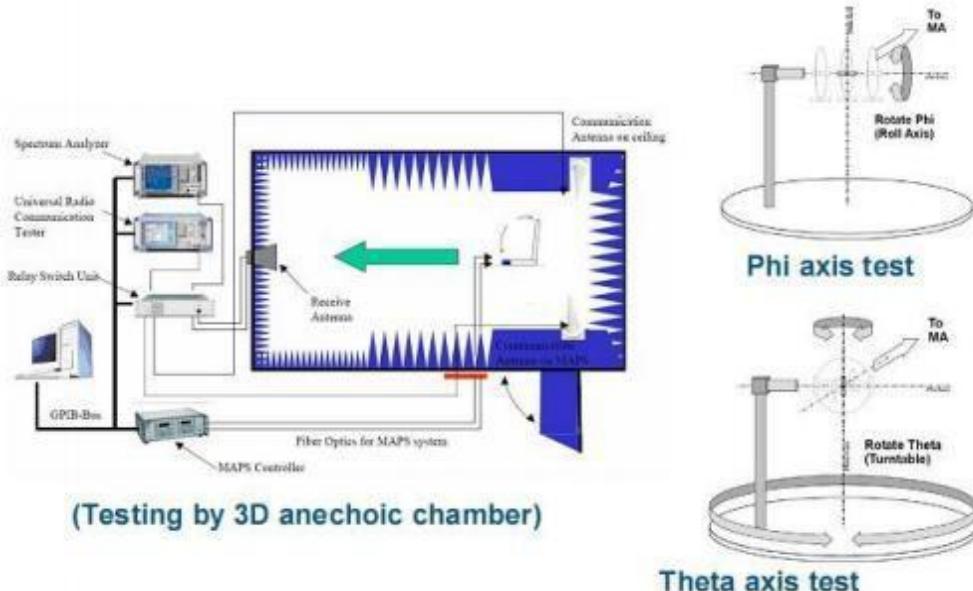
1. Network Analyzers :

Agilent 8753D 5071B

2. Communications Test Set:

Agilent E5515C

3 . 3D Chamber Test System Efficiency & Gain



Efficiency & Gain

2.405	-2.17
2.445	0.12
2.475	0.17

Radiation Pattern:

