

Electronic Connection Wire

Product Specification Sheet

Model: 2.4G antenna (19-0.15-1.38-Teflon -35MM)

Client: _____

日期: 2023/08/03

1 Wire Interior Material

Main Material	Scope of Use	Remark
Teflon transparent material	Wires are used outside	Environmental protection
Copper wire	Conductor copper diameter 0. 12	Environmental protection
Environmentally friendly tin	Wire is skinned and tinned	Environmental protection

2 Product Performance

Specifications and Dimensions

Product Name	Scope of application	Line length	Wire color	appearance
2. 4Gantenna (19-0. 15-1. 38- Teflon -35MM)	Circuit board conductor	35MM	Transparent	No surface damage, scratches, oil and other defects

3 Wire Performance

Serial number	Item	Standard
1	Withstand voltage	60V
2	Withstand current	1500MA
3	Contact resistance	30mΩ MAX
4	Insulation resistance	1000mΩ MIX
5	Tension	0. 9 KG
6	Temperature resistance	80° C

4 Reliability Test

Serial number	Item	Standard	Test method
1	16P and ROHS not included	16 ingredients were less than 0. 1%	Third-party authoritative testing organization

5 Shelf Life

Six months after the factory

6 Precautions For Use

Note: The temperature can not exceed 180°C for use, the current can not be higher than 1.5A for use.

7 Graphical Representation



Note: 2.4G antenna specifications are 19-core outer diameter 1.38MM tinned copper wire, transparent color, length of 35MM, wire tip peeled 3MM tin. In line with environmental standards: EU EN71(19E), ROHS, PAHS, 6P~ 16P, European and American CPSIA, HR4040.

8 Appendix

Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <3.0

Efficiency >30%

Impedance 50 Ohm

Polarization Line

Gain 0.17DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.0 19P transparent color 透明色

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

1. Network Analyzers :

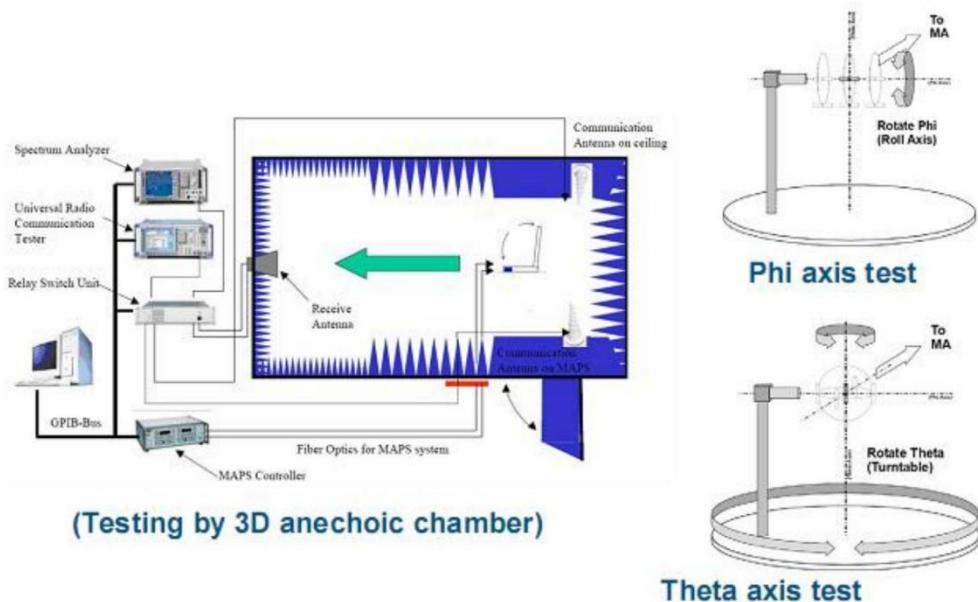
Agilent 8753D 5071B

2. Communications Test Set:

Agilent E5515C

3. 3D Chamber Test System

Efficiency & Gain



Efficiency & Gain

2.40	-0.00
2.440	-0.11
2.48	-0.13

Radiation Pattern:

