

Qian Hailin Electronic Technology Co., Ltd

Antenna Specification for Approval

Customer Name : Xiaolantu

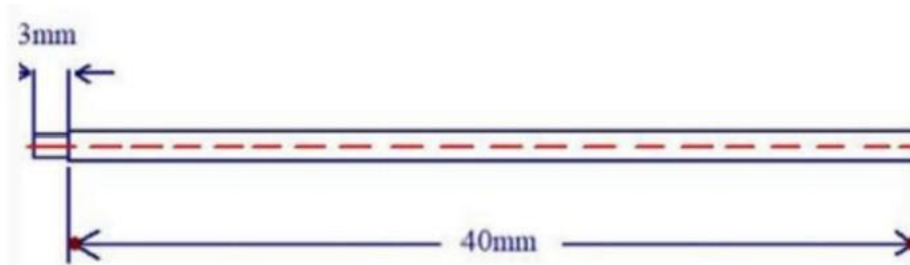
Product Name : 2.4G antenna total length of 40mm white color

Antenna Type: Wire Antenna

Part NO.: 17-0.10-1.6

Write By : Wang

Issued Date: 2025.04.23



Wire: 1.6 mm white copper wire

remarks:

The 2.4G antenna is 17 pieces with an outer diameter of 0.10 and an electronic wire with a diameter of 1.6 MM. It is white and 40 MM long. The wire head is peeled off 3 MM and tin coated to meet environmental standards: EU EN71 (19E), ROHS, PAHS, 6P~16P, CPSIA, HR4040

Product Specification

A. Electrical

Characteristics

Frequency 2400MHz~2500MHz

VSWR < 3.0

Efficiency > 30%

Impedance 50 Ohm

Polarization Line

Gain ODBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.019P White

Connector Type: NO

Dimension

C. Environmental

Operation Temperature-

30°C~+80°C Storage Temperature-

30°C~+85°C

Test Equipment & Conditions

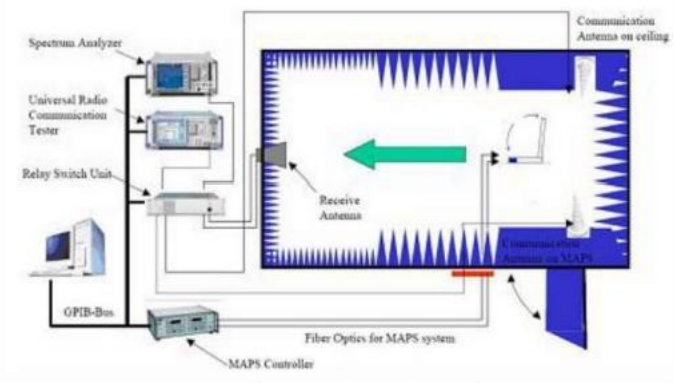
1. Network Analyzers:

Agilent 8753D 5071B

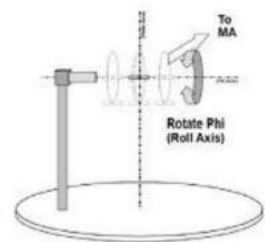
2. Communications Test Set: Agilent

E5515C

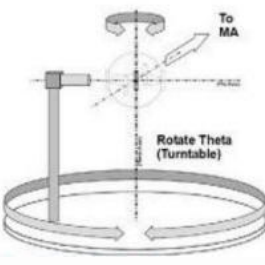
3.3D Chamber Test SystemEffiency &Gain



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

Effiency &Gain

2.40-0.00 2.440-

0.11

2.48-0.13

Radiation Pattern:

