

# Shenzhen first line cable Co., LTD

Add: 21 Building, Wanfeng 98 Industrial City, Shajing Street, Baoan District, Shenzhen

## *Antenna Specification for Approval*

**CustomerName:** Shenzhen Mo Young technology co., LTD\_\_\_\_\_

**ProductName:** 2.4G antenna length 25mm red

**Antenna type:** monopole

**Part NO.:** C10- 35- 2.5

**WriteBy:** Zhuang Jiebin

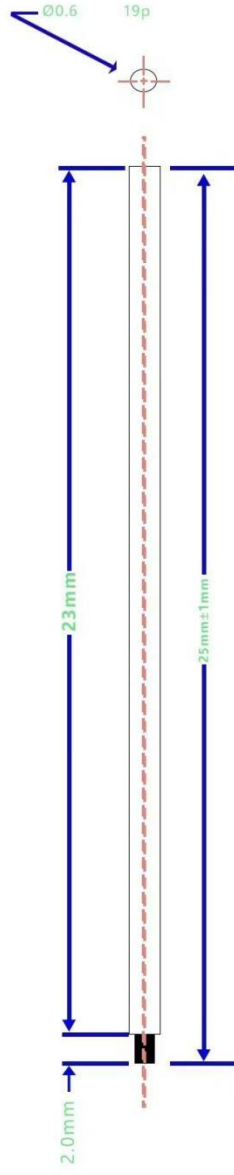
**IssuedDate:** 2021- 10-08

client:

<i>R&amp; D Dept</i>	<i>Business Dept</i>	<i>Approved By</i>

ISDN

<i>R&amp; D Dept</i>	<i>Engineer Dept</i>	<i>Approval</i>
Zhuang Caihong	Zhuang Jiebin	Zhuang Jiebin



# **Product Specification**

## **A. Electrical Characteristics**

**Frequency 2400MHz~2500MHz**

**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 Red**

**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 5071C**

## **2. Communications Test Set:**

**Agilent E5525C**

## **3. 3D Chamber Test System**

# Efficiency& Gain

## Efficiency& Gain

2.40 - 0.00  
 2.440 - 0.11  
 2.48 - 0.13

## Radiation Pattern:

### Efficiency& Gain

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2.40 - 0.00  
 2.440 - 0.11  
 2.48 - 0.13

#### Radiation Pattern:

