

# Shenzhen first line cable Co., LTD

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

## *Antenna Specification for Approval*

*Customer Name:* Shenzhen Mo Young technology co., LTD

*Product Name:* 2.4G antenna length 25mm red

*Product Name:* monopole

*Part NO.:* C10- 35- 2.5

*WriteBy:* Zhuang Jiebin

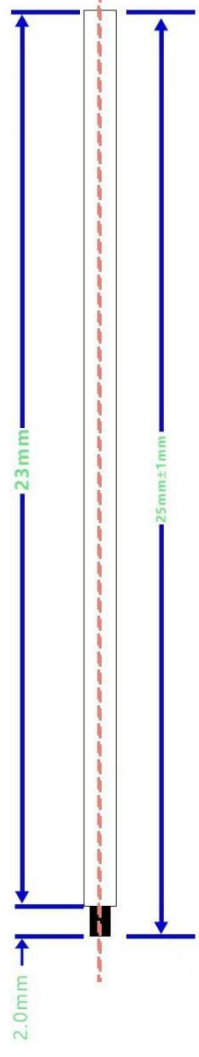
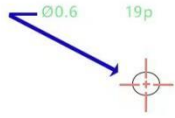
*IssuedDate:* 2021- 10-08

## Client:

<i>R&amp; D Dept</i>	<i>Business Dept</i>	<i>Approval</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: 0.17 DBi**

## **B. Material & Mechanical Characteristics**

**Material of Radiator Cu**

**Cable Type 1.0 19P 红**

**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 -2.17 DBi

2.440 0.12 DBi

2.48 0.17 DBi

## Radiation Pattern:

