

# 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 57.85mm

**Antenna type:** monopole

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

**WriteBy:** Zhuang Jiebin

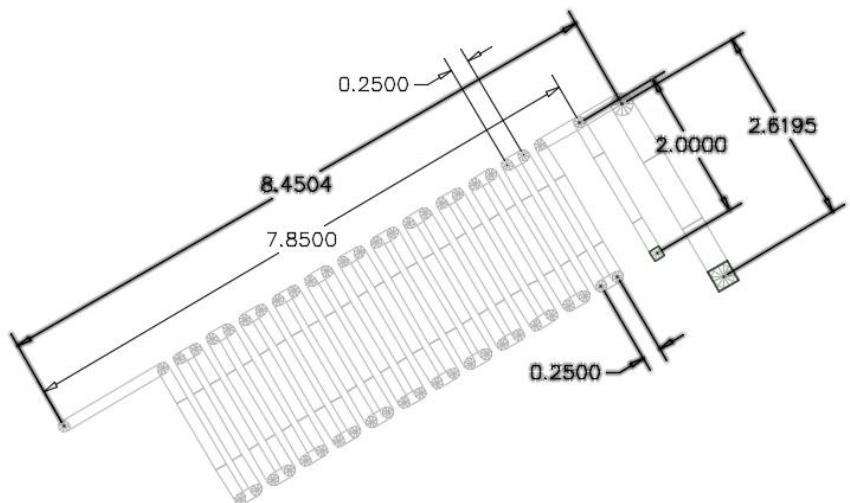
**IssuedDate:** 2023- 10-08

### 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



单位: mm

# *Product Specification*

## *A. Electrical Characteristics*

**Frequency 2400 MHz**

**~2500MHz VSWR<3.0**

**Efficiency >30%**

**Impedance 50**

**Ohm Polarization**

**Line Gain**

## *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. NetworkAnalyzers:***

**Agilent 8753D 5071C**

## ***2. Communications TestSet:***

**Agilent E5525C**

## ***3. 3D Chamber TestSystem***

## **Line Gain**

### **Efficiency & Gain**

**2.40 - 2.17 DBi**

**2.440 0. 12 DBi**

**2.48 0. 17 DBi**

### **Radiation Pattern:**

