

# SPECIFICATION

---

Shenzhen Guandetong Electronic Limited



## 深圳市冠得通电子有限公司

*Shenzhen Guandetong Electronic Co., Ltd.*

### 2.4G FPC ANT

(1.13 Cable Grey \*75MM)

Antenna specifications

1. Antenna Photo



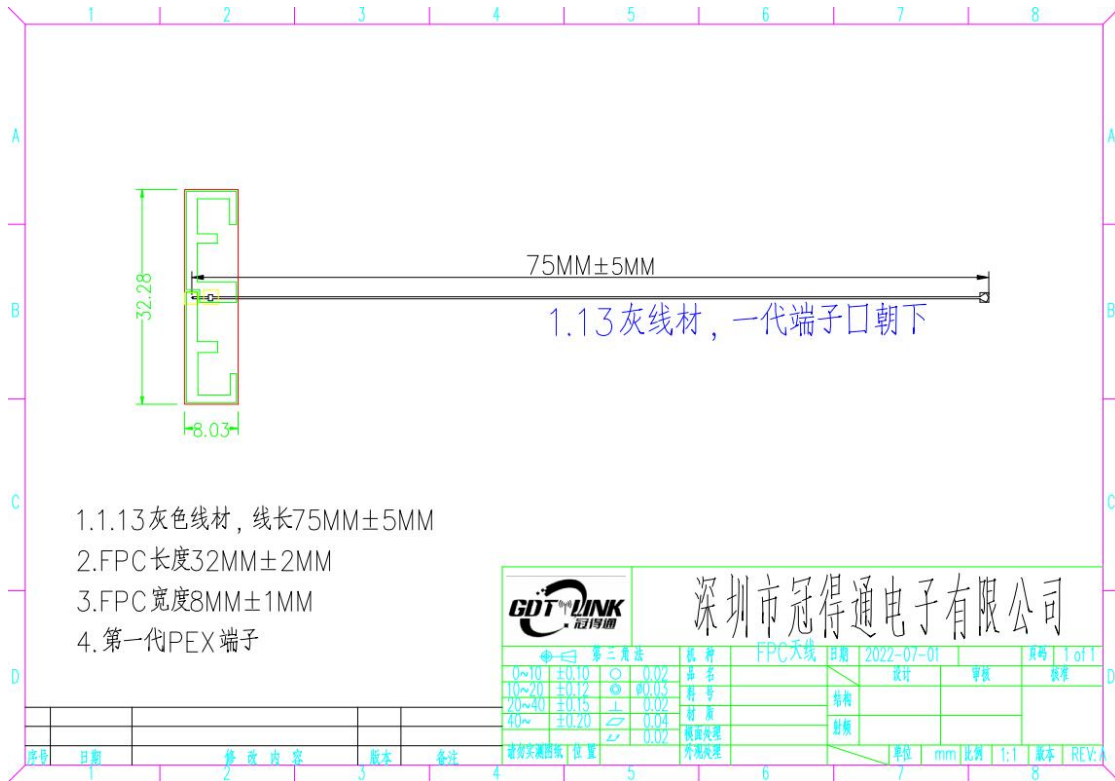
2. Product parameters

| Product test parameters               |              |                          |                 |
|---------------------------------------|--------------|--------------------------|-----------------|
| 产品名称(Name)                            | FPC ANT      | 产品型号(Model Type)         | UANT20B02279A   |
| 电 性 能 指 标 (Electrical Specifications) |              |                          |                 |
| 频率范围 (Frenquency Range)               | 2400-2500MHz | 极化方式 (Polarization)      | Vertical        |
| 输入阻抗(Impedance)                       | 50 Ω         | 辐射方向                     | Omnidirectional |
| 驻波比 (VSWR)                            | ≦2           | 功率容量(Power)              | 50W             |
| 增益(Gain)                              | 3dBi         | 带宽 (Bandwidth            | 100/600MHz      |
| 机 械 指 标 (Mechanical Specifications)   |              |                          |                 |
| 尺寸 (Dimensions)                       | 32*8±2mm     | 天线颜色(Chassis Color)      | Black           |
| 连接器型号 (Connector)                     | IPEX         | 引线长度(Cable Length)       | 75±5MM          |
| 天线材料 (Chassis Material)               | FPC          |                          |                 |
| 工作温度 (Working Temperature)            | -40℃-+85℃    | 存放温度 (Limit Temperature) | -40℃-+85℃       |

3.S11 ( VSWR 、 Return loss 、 Smith ) Data



#### 4. Structural drawings



## 5. Antenna Gain

| Frequency (MHz) | Gain (dBi) |
|-----------------|------------|
| 2400            | 2.5        |
| 2410            | 2.6        |
| 2420            | 2.7        |
| 2430            | 2.7        |
| 2440            | 3.0        |
| 2450            | 2.9        |
| 2460            | 3.0        |
| 2470            | 2.9        |
| 2480            | 2.8        |
| 2490            | 2.7        |
| 2500            | 2.7        |

---

## 6. Antenna Pattern

### 3D Gain Pattern @ 2440 MHz

