



# Antenna Specifications

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### 一、 Product Performance Parameter Table

| Electrical Specifications     |               |
|-------------------------------|---------------|
| Frequency Range (MHz)         | 2400~2500     |
| Band Width(MHz)               | 100           |
| Input Impendence ( $\Omega$ ) | 50            |
| V.S.W.R                       | $\leq 1.6$    |
| Gain (dBi)                    | $2.0 \pm 0.5$ |
| Polarization Type             | Vertical      |
| Maximum power(W)              | 10W           |
| Vertical lobe Angle (E)       | 28~50°        |
| Water plane lobe Angle (H)    | 360°          |
| Mechanical Specifications     |               |
| Material                      | copper tube   |
| Connect Type                  | SMA-J         |
| Size                          | Ø10* 108mm    |
| Operating Temp                | -20 ~ +65 °C  |
| Storage Temp                  | -30 ~ +75°C   |



二、Product structure drawings

|  |  |       |  |      |  |    |  |    |  |
|--|--|-------|--|------|--|----|--|----|--|
|  |  | ISSUE |  | 修改内容 |  | 确认 |  | 日期 |  |
|  |  | A002  |  | 首次发行 |  |    |  |    |  |

|         |  |           |  |      |  |       |  |
|---------|--|-----------|--|------|--|-------|--|
| XXX ± 5 |  | 比例: 1:1   |  | 产品型号 |  | 客户确认: |  |
| XX ± 2  |  | PAGE: 1/1 |  | 审核:  |  | 客户型号  |  |
| X ± 0.5 |  | REV: A    |  | 制作:  |  | 受控正本  |  |
| X ± 0.2 |  | 重点标记: *   |  |      |  | 受控副本  |  |
| 单位: mm  |  |           |  | 产品名称 |  |       |  |
| PN:     |  | SN:       |  |      |  |       |  |



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### 三、Product Photos





### 四、Electrical test report

#### 4.1 Standing wave ratio diagram



### 4.3 Directional pattern

