



## IP67 Fiberglass FRP 2.4G Omni Directional Wifi Antenna Outdoor 16x250mm

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10733-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day



### Product Specification

- Frequency: 2400-2500MHz
- VSWR: <1.5
- Peak Gain: 4.5dBi
- Impedance: 50
- Highlight: IP67 Wifi Antenna,  
2.4G Omni Directional Wifi Antenna,  
16x250mm Wifi Antenna



### More Images



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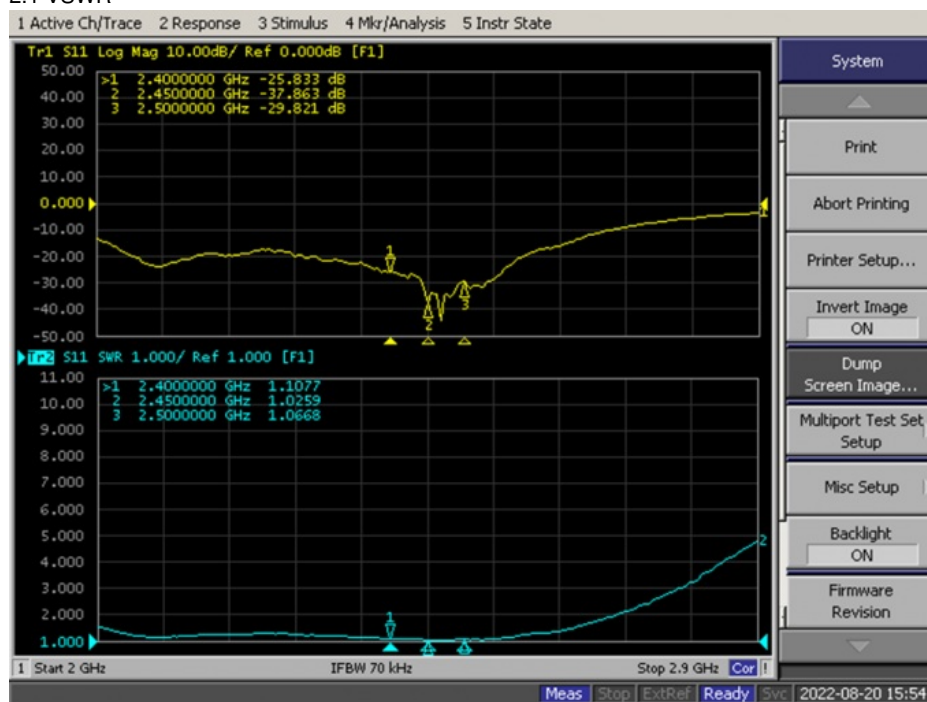
## Product Description

### 1. Specification

|                                                     |                   |
|-----------------------------------------------------|-------------------|
| <b>A. Electrical Characteristics</b>                |                   |
| Frequency                                           | 2400-2500MHz      |
| Impedance                                           | 50 Ohm            |
| S.W.R.                                              | <1.5              |
| Antenna Gain                                        | 4.5dBi            |
| Efficiency                                          | ≈85%              |
| Polarization                                        | Linear            |
| Horizontal Beamwidth                                | 360°              |
| Vertical Beamwidth                                  | 35°±3°            |
| Max Power                                           | 50W               |
| <b>B. Material &amp; Mechanical Characteristics</b> |                   |
| Connector Type                                      | N connector       |
| Dimension                                           | Φ16*250mm         |
| Weight                                              | 0.1Kg             |
| Radome material                                     | Fiberglass        |
| <b>C. Environmental</b>                             |                   |
| Operation Temperature                               | - 40 °C ~ + 80 °C |
| Storage Temperature                                 | - 40 °C ~ + 80 °C |
| Rated Wind Velocity                                 | 36.9m/s           |
| Lighting Protection                                 | DC Ground         |

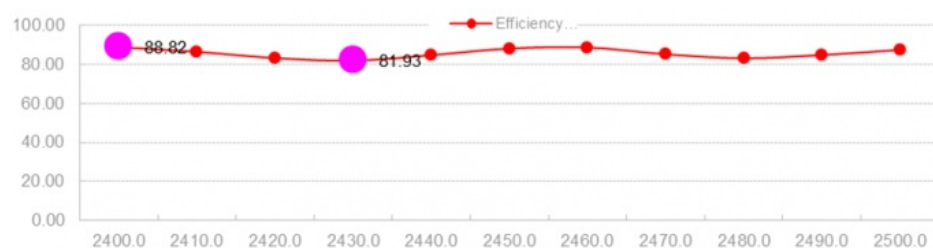
### 2. Antenna - S Parameter Test Data

#### 2.1 VSWR



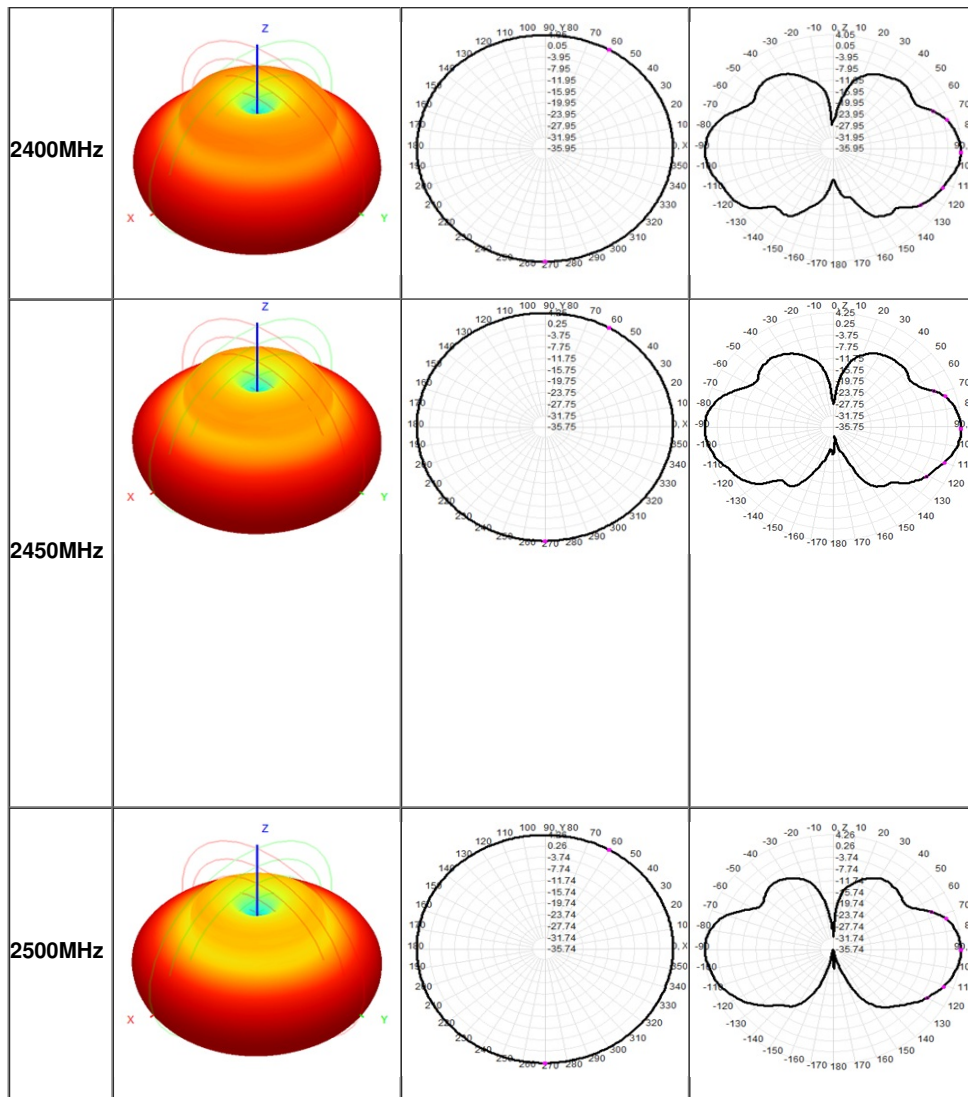
#### 2.2 Total Efficiency & Gain:

| Frequency(MHz) | 2400.0 | 2410.0 | 2420.0 | 2430.0 | 2440.0 | 2450.0 | 2460.0 | 2470.0 | 2480.0 | 2490.0 | 2500.0 |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Gain (dBi)     | 4.12   | 4.05   | 3.96   | 4.00   | 4.17   | 4.30   | 4.32   | 4.19   | 4.08   | 4.18   | 4.26   |
| Efficiency (%) | 88.82  | 86.49  | 83.27  | 81.93  | 84.80  | 88.15  | 88.72  | 85.21  | 83.16  | 84.81  | 87.48  |



#### 2.3 Radiation Pattern

|  | 3D | 2D-Horizontal | 2D-Vertical |
|--|----|---------------|-------------|
|  |    |               |             |



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