



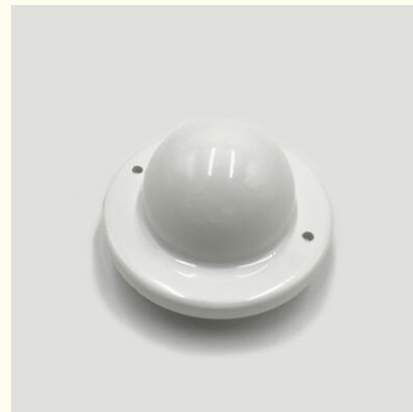
## UWB Channel 5 6250-6750M 3dBi omnidirectional small mushroom head ceiling-mounted antenna

Our Product Introduction

for more products please visit us on [leenzantenna.com](http://leenzantenna.com)

### Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-11533-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 500 per day



### Product Specification

- Frequency: 6250-6750MHz
- VSWR: <2.0
- Peak Gain: 3dBi
- Impedance: 50



### More Images



## Product Description

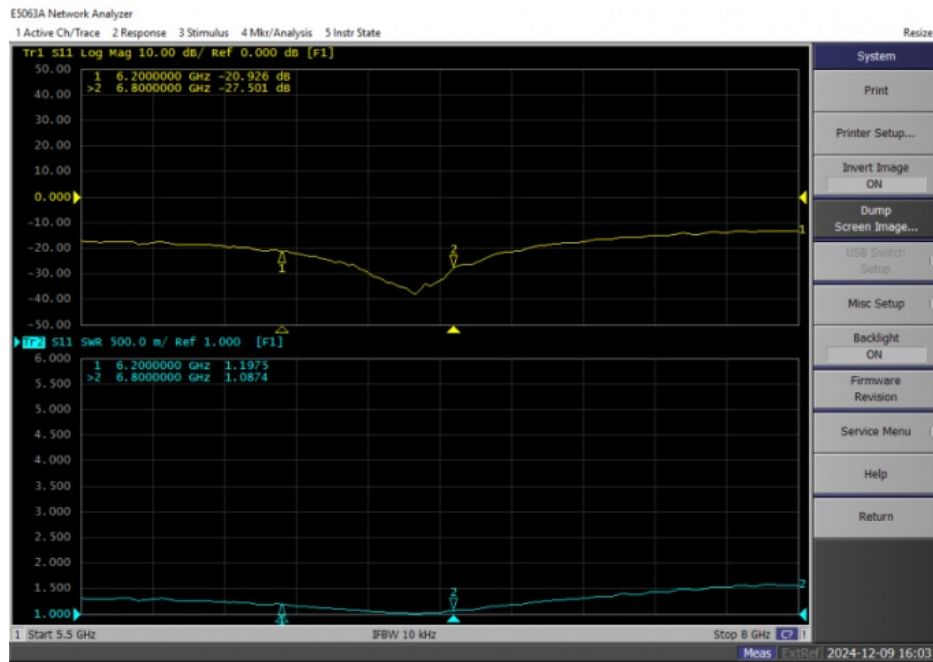
UWB Channel 5 6250-6750M omnidirectional small mushroom head ceiling-mounted antenna

### 1. Specification

|                                                     |                   |
|-----------------------------------------------------|-------------------|
| <b>A. Electrical Characteristics</b>                |                   |
| Frequency                                           | 6250-6750MHz      |
| S.W.R.                                              | $\leq 1.8$        |
| Antenna Gain                                        | 3dBi              |
| Polarization                                        | Vertical          |
| Horizontal Beamwidth                                | 360°              |
| Vertical Beamwidth                                  | 42-56°            |
| Impedance                                           | 50Ohm             |
| Max. Power                                          | 50W               |
| <b>B. Material &amp; Mechanical Characteristics</b> |                   |
| Connector Type                                      | N-K connector     |
| Dimension                                           | φ86*40mm          |
| Radome material                                     | ABS               |
| Weight                                              | 0.09Kg            |
| <b>C. Environmental</b>                             |                   |
| Operation Temperature                               | - 40 °C ~ + 85 °C |
| Storage Temperature                                 | - 40 °C ~ + 85 °C |
| Operation Humidity                                  | 95%               |
| Rated Wind Velocity                                 | 36.9m/s           |

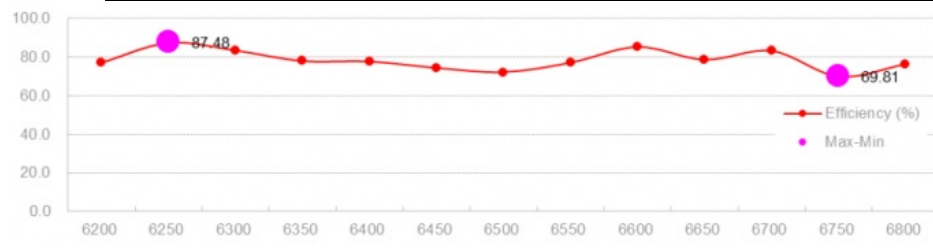
### 2. Antenna - S Parameter Test Data

#### 2.1 VSWR

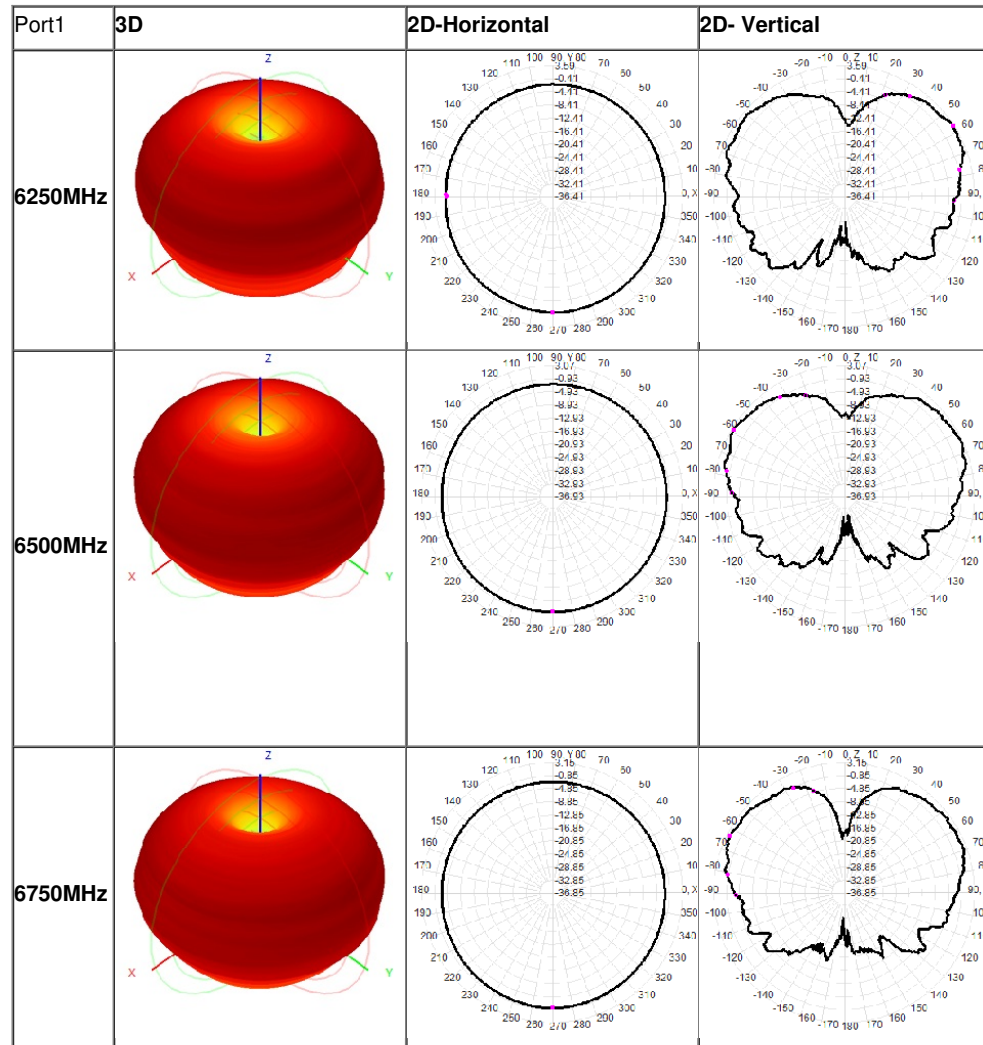


#### 2.2 Total Efficiency & Gain:

| Frequency(M Hz) | 6200 | 6250 | 6300 | 6350 | 6400 | 6450 | 6500 | 6550 | 6600 | 6650 | 6700 | 6750 | 6800 |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Gain (dBi)      | 3.6  | 4.0  | 3.8  | 3.6  | 3.6  | 3.3  | 3.1  | 3.3  | 4.0  | 3.8  | 3.9  | 3.1  | 3.5  |
| Efficiency (%)  | 77.1 | 87.5 | 83.5 | 77.9 | 77.7 | 74.3 | 72.1 | 77.1 | 85.3 | 78.7 | 83.3 | 69.8 | 76.3 |



## 2.3 Radiation Pattern



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