



## 500M 3dbi Single-Polarization Directional Antenna For Wifi Router 210x180x45mm

### Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10575-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day

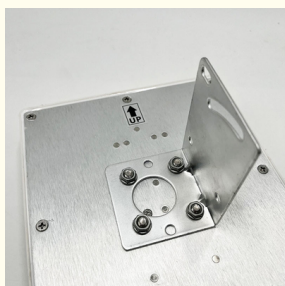


### Product Specification

- Frequency: 500MHz
- VSWR: <2.0
- Peak Gain: 3dBi
- Impedance: 50
- Highlight: directional antenna 210x180x45mm,  
directional antenna for wifi router,  
3db directional antenna



### More Images



## Product Description

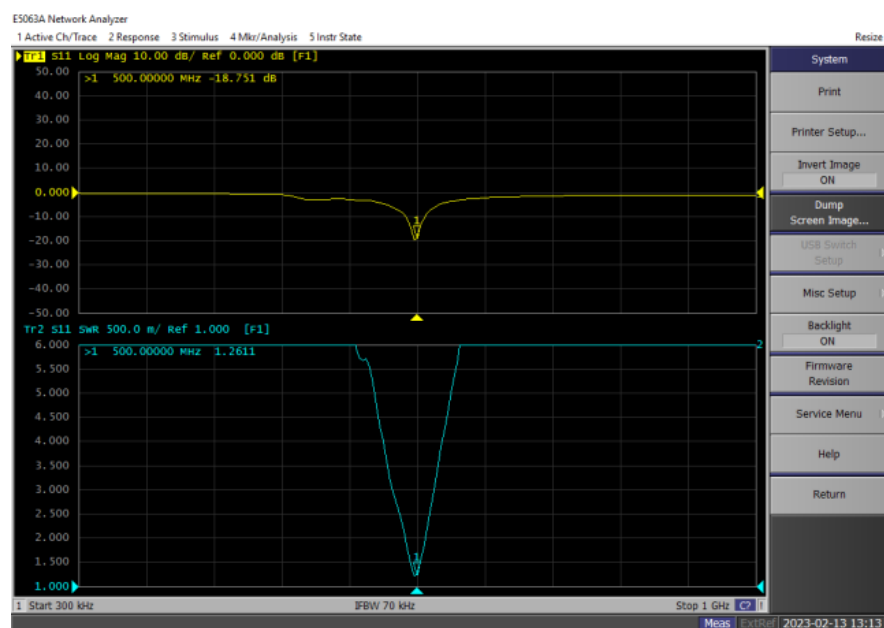
500M 3dbi single-polarization directional antenna 210x180x45mm

. Specification

|                                          |                           |
|------------------------------------------|---------------------------|
| A. Electrical Characteristics            |                           |
| Frequency                                | 500MHz                    |
| S.W.R.                                   | <2.0                      |
| Antenna Gain                             | 3dBi                      |
| Polarization                             | Vertical                  |
| Horizontal Beamwidth                     | 110°                      |
| Vertical Beamwidth                       | 110°                      |
| F/B                                      | >17dB                     |
| Impedance                                | 50Ohm                     |
| Max. Power                               | 50W                       |
| B. Material & Mechanical Characteristics |                           |
| Cable Type                               | RG58U Cable, length 300mm |
| Connector Type                           | SMA connector             |
| Dimension                                | 210*180*45mm              |
| Radome material                          | ABS                       |
| Weight                                   | 0.65Kg                    |
| C. Environmental                         |                           |
| 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

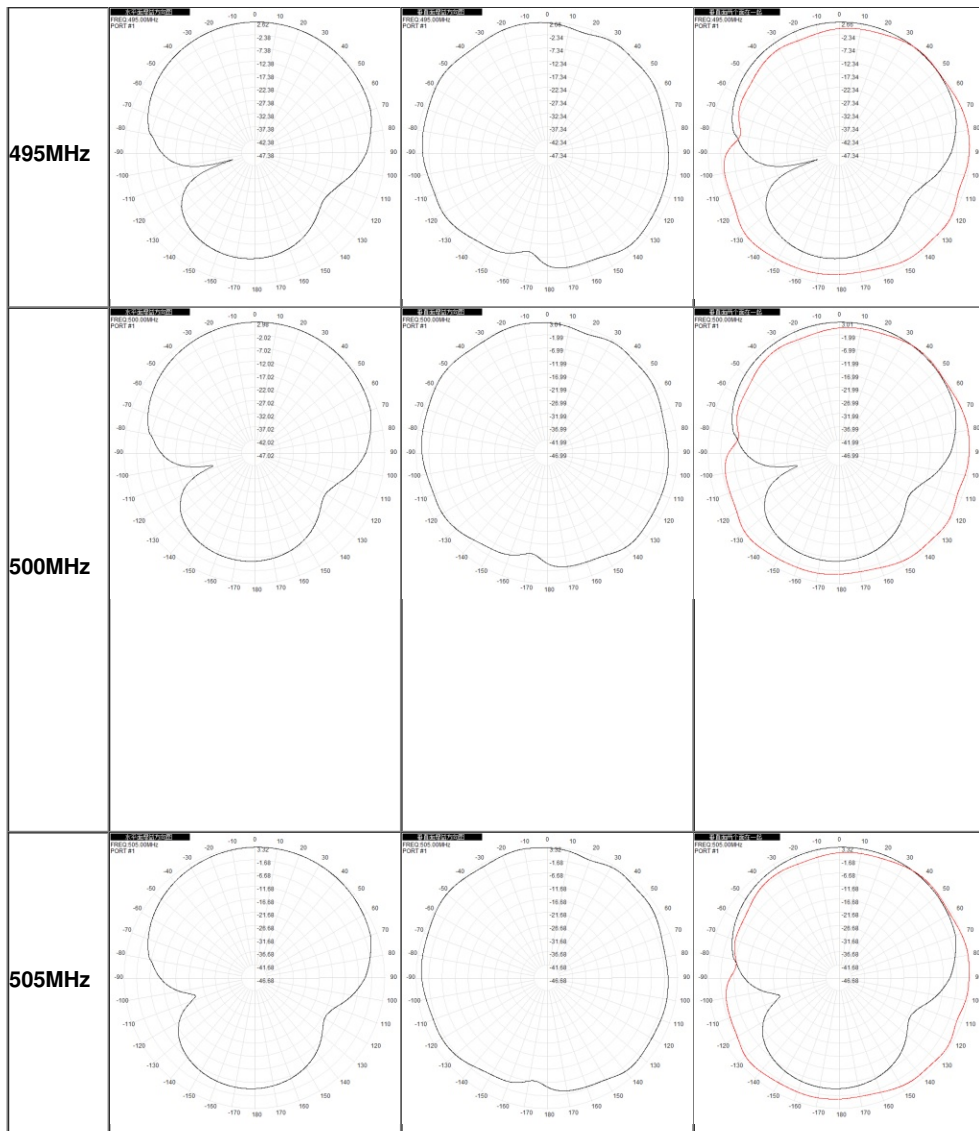


2.2 Total Efficiency & Gain:

| Frequency(MHz) | Gain(dBi) |
|----------------|-----------|
| 495            | 2.7       |
| 496            | 2.7       |
| 497            | 2.7       |
| 498            | 2.8       |
| 499            | 2.9       |
| 500            | 3.0       |
| 501            | 3.1       |
| 502            | 3.2       |
| 503            | 3.3       |
| 504            | 3.3       |
| 505            | 3.3       |

2.3 Radiation Pattern

| Port1 | 2D-Horizontal | 2D-Vertical | Horizontal & Vertical |
|-------|---------------|-------------|-----------------------|
|-------|---------------|-------------|-----------------------|



**Dongguan Leenz Electronics Co., Ltd**



19200261653



sale01@leenz.com



leenzantenna.com

2nd Floor, Building 1, Xinhe Industrial Park No. 162, Zhen'an East Road, Chang'an Town, Dongguan City, Guangdong Province