



## Pcb Ultra Wideband Chip Antenna Outdoor Panel Antenna 3700-4200MHz 9dBi 100x100x23mm

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10396-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day



### Product Specification

- Frequency: 3700-4200MHz
- VSWR: <2.0
- Peak Gain: 9dBi
- Impedance: 50
- Highlight: Outdoor Panel antenna 3700-4200MHz, wideband pcb antenna, wideband chip antenna 3700-4200MHz



### More Images



Our Product

### Product Description

UWB Antenna Outdoor Panel antenna 3700-4200MHz 9 dBi 100x100x23

#### 1. Specification

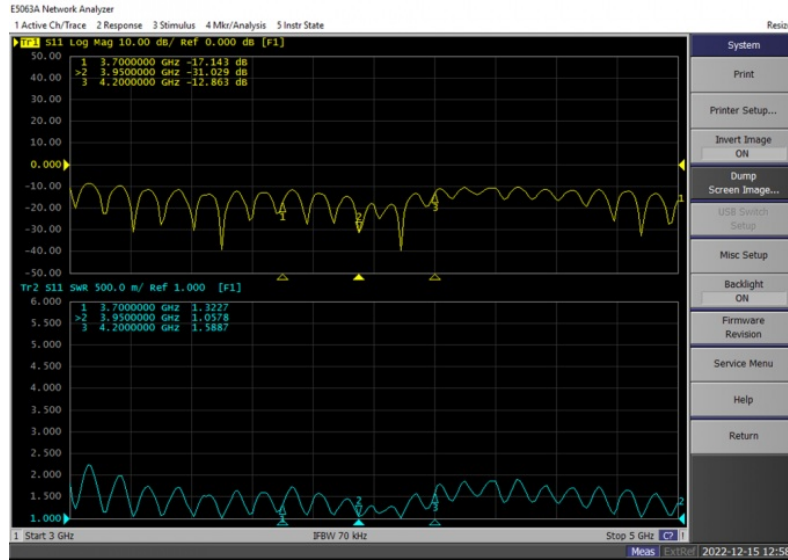
##### A. Electrical Characteristics

|                      |              |
|----------------------|--------------|
| Frequency            | 3700-4200MHz |
| S.W.R.               | <2.0         |
| Antenna Gain         | 9dBi         |
| Polarization         | Vertical     |
| Horizontal Beamwidth | 55-75°       |

|                                          |                            |
|------------------------------------------|----------------------------|
| Vertical Beamwidth                       | 28-44°                     |
| F/B                                      | >14dB                      |
| Impedance                                | 50Ohm                      |
| Max. Power                               | 50W                        |
| B. Material & Mechanical Characteristics |                            |
| Cable Type                               | Mine Cable, length 1 meter |
| Connector Type                           | SMA connector              |
| Dimension                                | 100*100*23mm               |
| Radome material                          | ABS                        |
| Weight                                   | 0.3Kg                      |
| 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

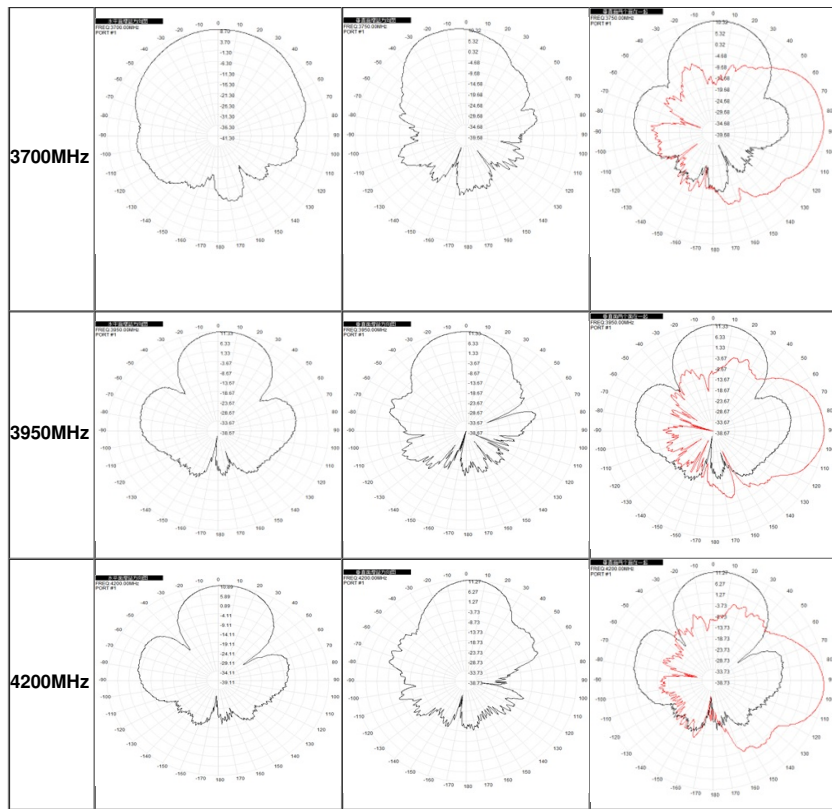


### 2.2 Total Efficiency & Gain:

| Frequency(MHz) | Gain(dBi) |
|----------------|-----------|
| 3700           | 8.6978    |
| 3750           | 8.2188    |
| 3800           | 8.5625    |
| 3850           | 8.1175    |
| 3900           | 8.8527    |
| 3950           | 8.6745    |
| 4000           | 8.6764    |
| 4050           | 8.6473    |
| 4100           | 8.2032    |
| 4150           | 7.8865    |
| 4200           | 8.6568    |
|                |           |

### 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