



Omni Directional Outdoor Antenna N-JW 3G4G LTE GSM NB-IoT GPRS ATU DTU Omnidirectional 3dBi

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHS
- Model Number: LZANT-10106-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day



Product Specification

- Frequency: 698-960/1710-2700M
- VSWR: <2
- Peak Gain: 3dBi
- Impedance: 50
- Highlight: **omni directional 3g antenna,
omni directional antenna 4g,
omni directional outdoor antenna**



More Images



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Product Description

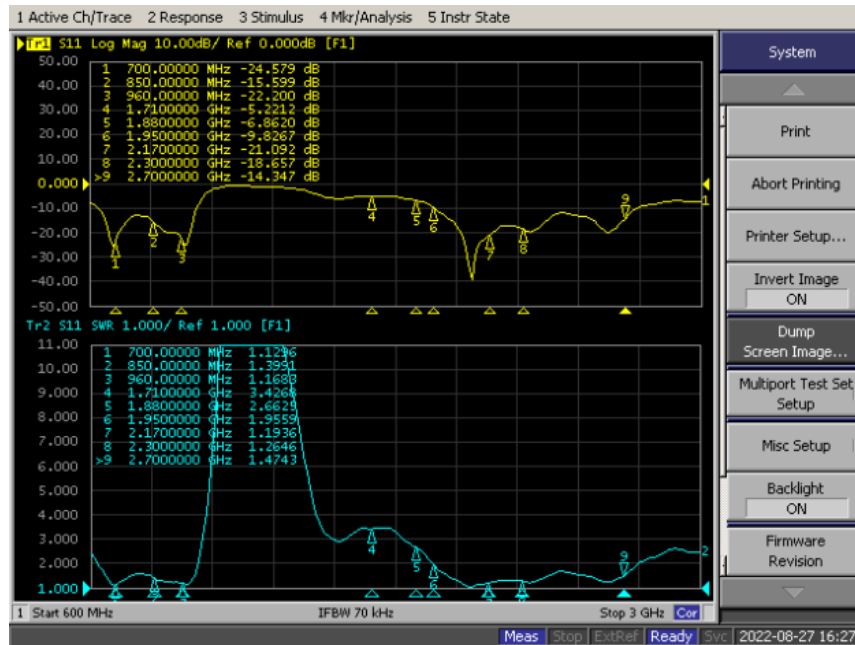
N-JW 3G4G LTE GSM NB-IoT GPRS ATU DTU Omnidirectional 3dBi Outdoor base station gateway Fiberglass waterproof antenna

1. Specification

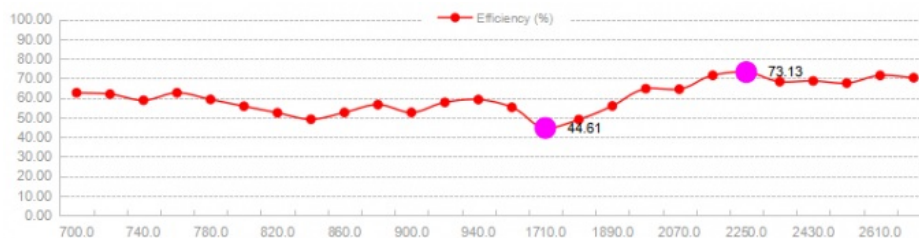
| A. Electrical Characteristics | | |
|--|------------------|--------------|
| Frequency | 698-960MHz | 1710-2700MHz |
| Impedance | 50 Ohm | 50 Ohm |
| S.W.R. | <2 | <3.5 |
| Gain | 3dBi | 3dBi |
| Efficiency | ≈56% | ≈65% |
| Polarization | Linear | Linear |
| Horizontal Beamwidth | 360° | 360° |
| Vertical Beamwidth | 35±10° | 35±10° |
| Max Power | 50W | |
| B. Material & Mechanical Characteristics | | |
| Connector Type | N -JW | |
| Dimension | Φ18.5*170mm | |
| Weight | 0.11Kg | |
| Radome material | Fiberglass | |
| C. Environmental | | |
| Operation Temperature | - 40 °C ~ + 85°C | |
| Storage Temperature | - 40 °C ~ + 85°C | |

2. Antenna - S Parameter Test Data

2.1 VSWR



2.2 Total Efficiency & Gain:

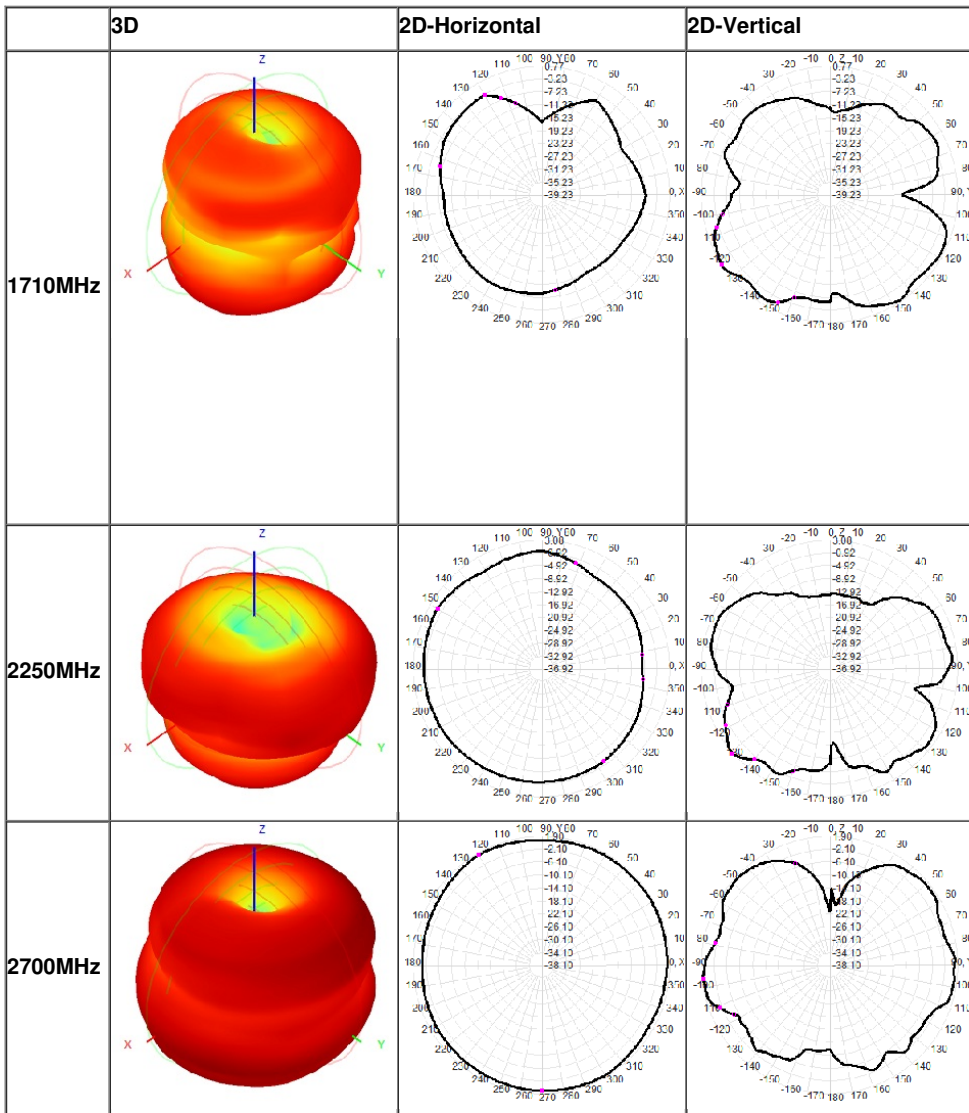
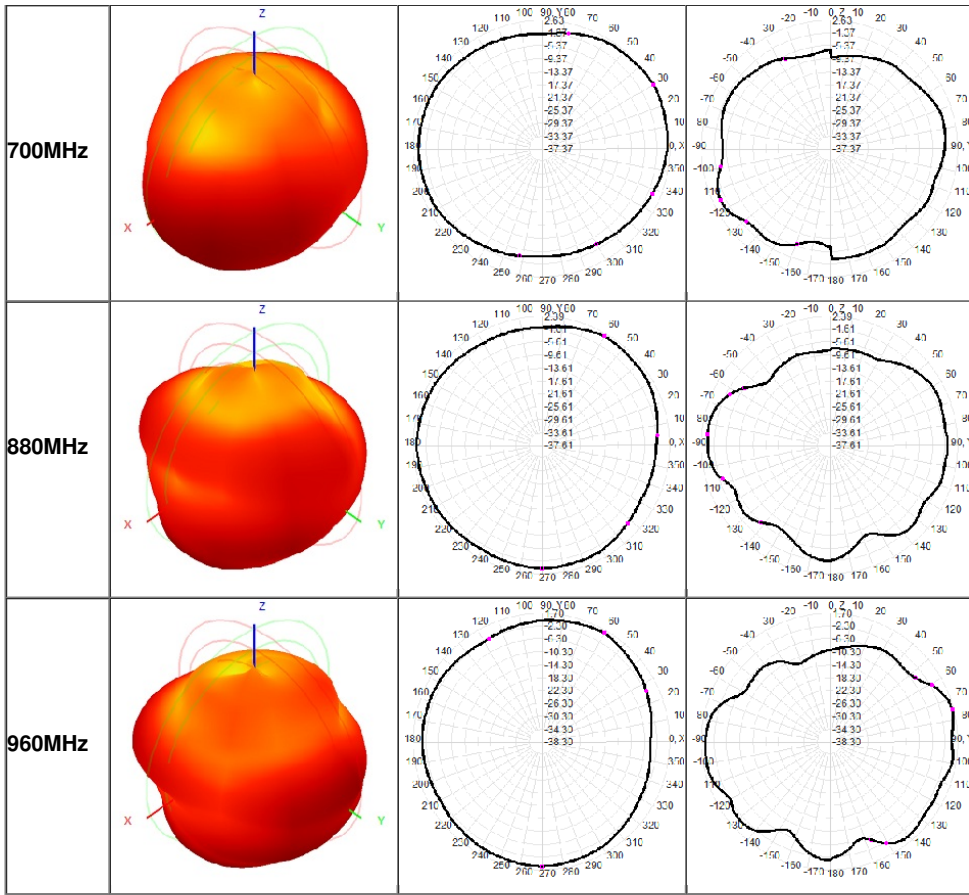


| | | | | | | | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Frequency(MHz) | 700.0 | 720.0 | 740.0 | 760.0 | 780.0 | 800.0 | 820.0 | 840.0 | 860.0 | 880.0 | 900.0 | 920.0 | 940.0 | 960.0 |
| Gain (dBi) | 2.63 | 2.44 | 2.09 | 2.30 | 2.22 | 2.23 | 1.96 | 1.54 | 2.09 | 2.39 | 1.90 | 2.36 | 2.17 | 1.70 |
| Efficiency (%) | 62.60 | 61.89 | 58.75 | 62.57 | 59.18 | 55.70 | 52.36 | 49.06 | 52.52 | 56.50 | 52.53 | 57.67 | 59.12 | 55.16 |

| | | | | | | | | | | | | |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Frequency(MHz) | 1710.0 | 1800.0 | 1890.0 | 1980.0 | 2070.0 | 2160.0 | 2250.0 | 2340.0 | 2430.0 | 2520.0 | 2610.0 | 2700.0 |
| Gain (dBi) | 1.77 | 1.46 | 1.49 | 2.53 | 2.12 | 2.93 | 3.08 | 2.94 | 2.20 | 1.35 | 1.76 | 2.05 |
| Efficiency (%) | 44.61 | 48.92 | 55.85 | 64.68 | 64.42 | 71.49 | 73.13 | 68.27 | 68.62 | 67.51 | 71.46 | 70.26 |

2.3 Radiation Pattern

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



35±10



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