



1.3G1.4G 1300 - 1500M 14dbi \pm 45° dual-polarization directional antenna, 390x390x50mm

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-12007-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 200per day



Product Specification

- Frequency: 1300-1500MHz
- VSWR: <2.0
- Peak Gain: 14dBi
- Impedance: 50



More Images



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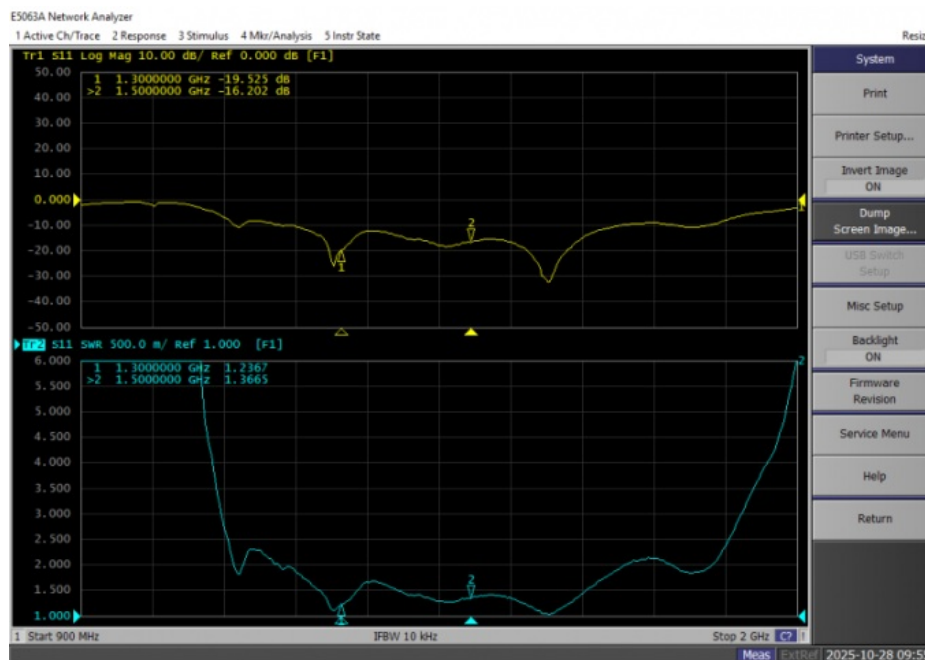
Product Description

1. Specification

| A. Electrical Characteristics | |
|--|-------------------|
| Frequency | 1300-1500MHz |
| S.W.R. | <= 2.0 |
| Antenna Gain | 14dBi |
| Polarization | ±45° |
| Horizontal Beamwidth | 30-35° |
| Vertical Beamwidth | 30-35° |
| F/B | >25dB |
| Impedance | 50Ohm |
| Max. Power | 50W |
| B. Material & Mechanical Characteristics | |
| Connector Type | 2-N-K connector |
| Dimension | 390*390*50mm |
| Radome material | ABS |
| Weight | 1.7Kg |
| 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

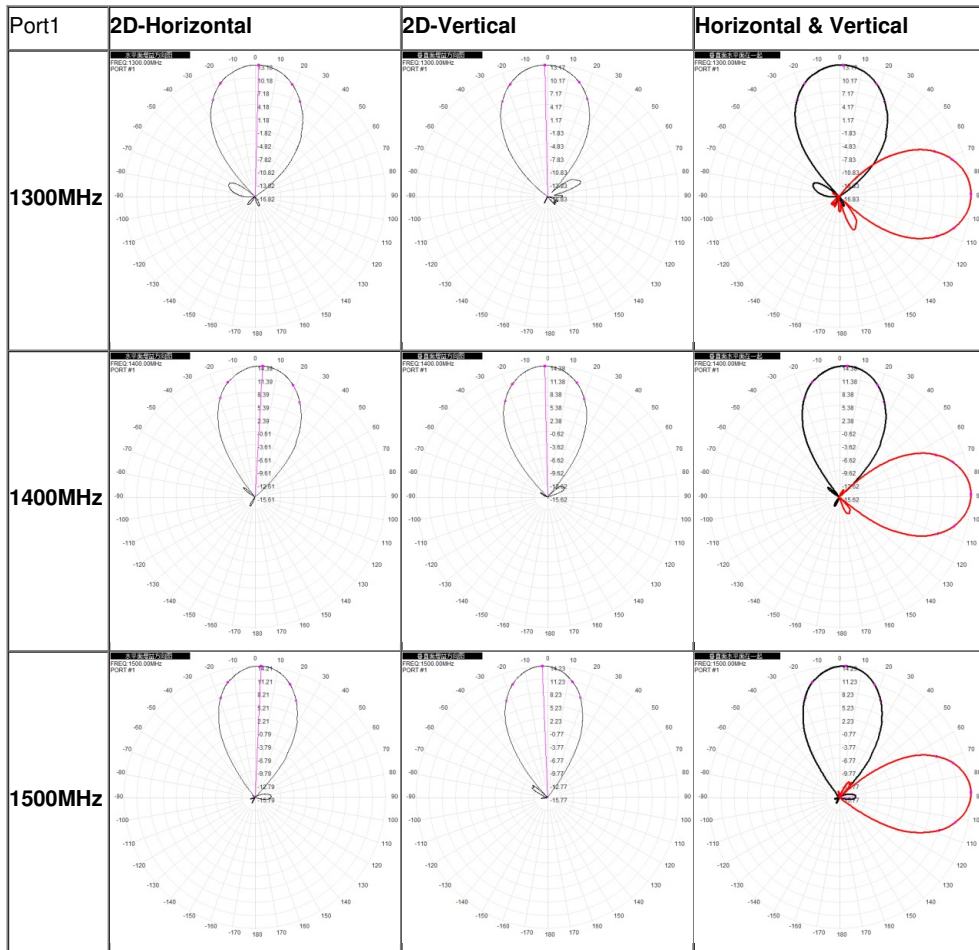
2.1 VSWR



2.2 Total Efficiency & Gain:

| Port 1(+45°) | | Port 2(-45°) | |
|----------------|-----------|----------------|-----------|
| Frequency(MHz) | Gain(dBi) | Frequency(MHz) | Gain(dBi) |
| 1300 | 13.2 | 1300 | 13.4 |
| 1325 | 13.7 | 1325 | 13.4 |
| 1350 | 13.8 | 1350 | 13.6 |
| 1375 | 14.1 | 1375 | 14.1 |
| 1400 | 14.4 | 1400 | 14.4 |
| 1425 | 14.3 | 1425 | 13.9 |
| 1450 | 14.4 | 1450 | 14.3 |
| 1475 | 14.4 | 1475 | 14.4 |
| 1500 | 14.2 | 1500 | 14.4 |

2.3 Radiation Pattern



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