



2.4G single-polarization high-gain 15dbi flat-panel directional antenna, suitable for wireless WIFI, Bluetooth and unmanned aerial vehicle flight control operation. Dimensions: 190*19*40mm, capable

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-12039-A
- Minimum Order Quantity: 2
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 500 per day



Product Specification

- Frequency: 2400-2500MHz
- VSWR: <2.0
- Peak Gain: 15dBi
- Impedance: 50
- Highlight: 15dBi Flat Panel Antenna,
2400-2500MHz Directional Antenna,
300W Outdoor Antenna



More Images



Product Description

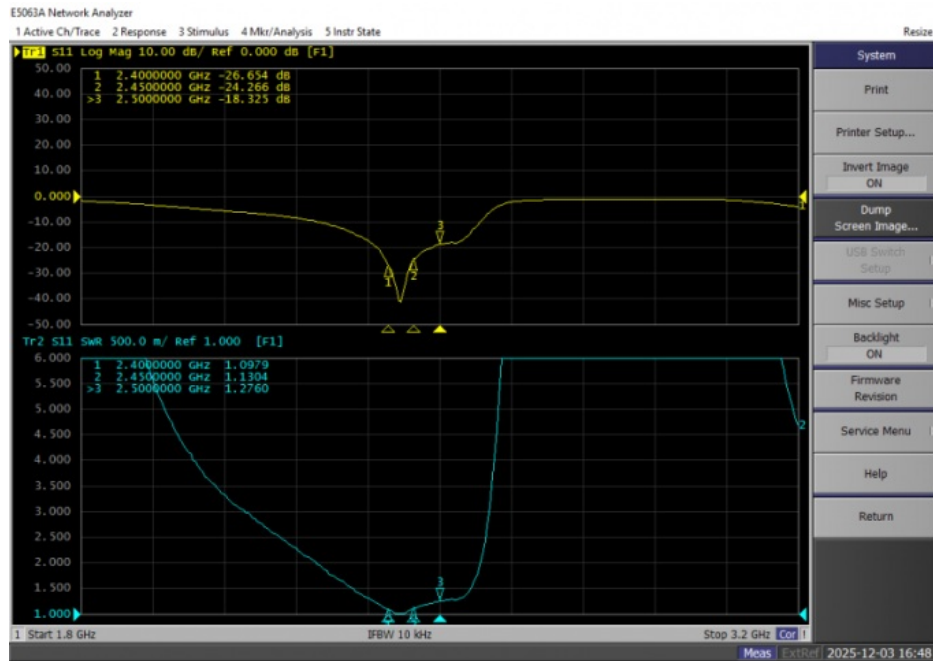
2.4G single-polarization high-gain 15dbi flat-panel directional antenna, suitable for wireless WIFI, Bluetooth and unmanned aerial vehicle flight control operation. Dimensions: 190*19*40mm, capable of supporting a transmission power of 300w.

1. Specification

A. Electrical Characteristics	
Frequency	2400-2500MHz
S.W.R.	≤ 2.0
Antenna Gain	15dBi
Polarization	V
Horizontal Beamwidth	$28 \pm 3^\circ$
Vertical Beamwidth	$28 \pm 3^\circ$
F/B	$>26\text{dB}$
Impedance	50Ohm
Max. Power	300W
B. Material & Mechanical Characteristics	
Connector Type	N-K connector
Dimension	190*190*40mm
Radome material	ABS
Weight	0.52Kg
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



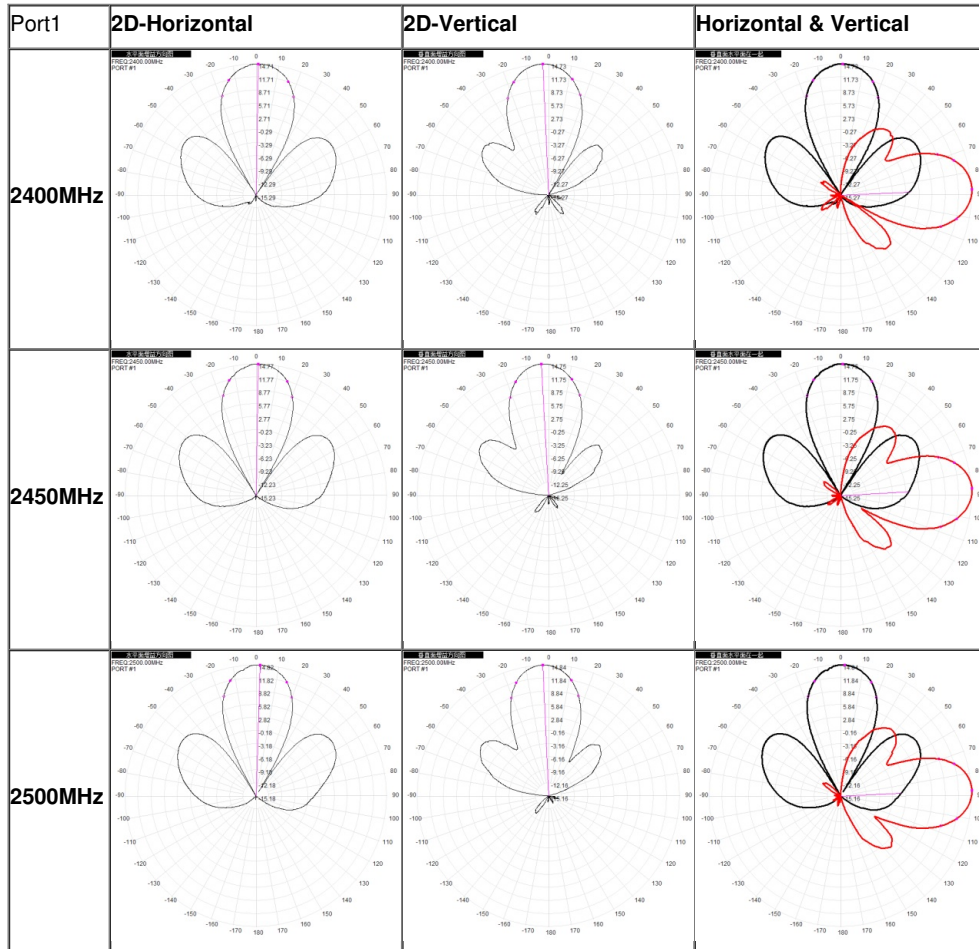
2.2 Total Efficiency & Gain:

Frequency(MHz)	Gain(dBi)
2400	14.7
2410	14.8
2420	14.8
2430	14.8
2440	14.9
2450	14.8
2460	14.9
2470	14.8
2480	14.9
2490	14.7

2500

14.8

2.3 Radiation Pattern



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