



2.4ghz Directional Antenna Homemade 2.4G 2400-2500M Wifi 12dBi 210x180x45mm

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10504-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day

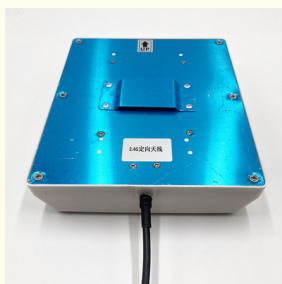


Product Specification

- Frequency: 2400-2500MHz
- VSWR: <2.0
- Peak Gain: 12dBi
- Impedance: 50
- Highlight: directional 2.4g antenna,
directional antenna 2.4ghz,
2.4ghz directional antenna homemade



More Images



Product Description

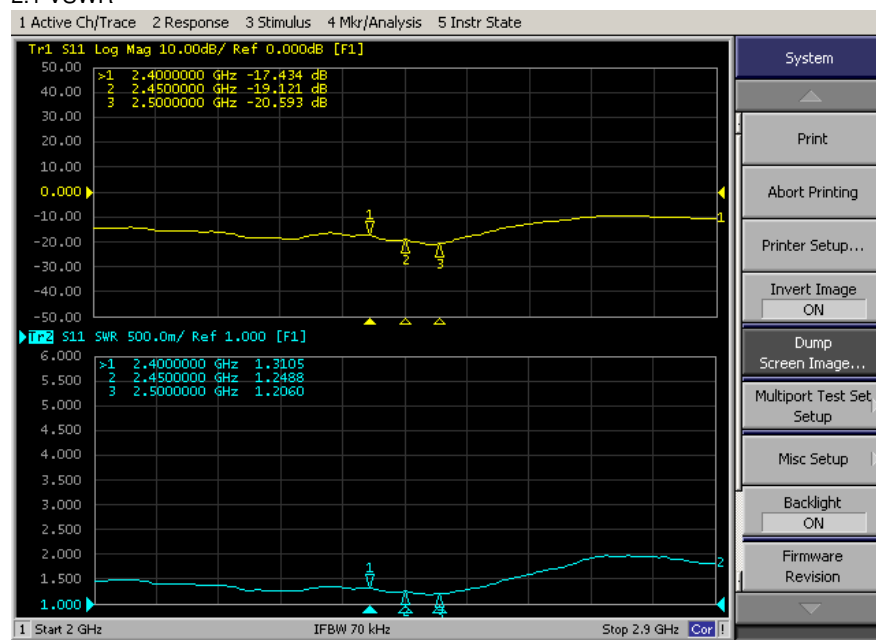
2.4G 2400-2500M wifi 12dBi single-polarized wall-mounted directional antenna 210x180x45mm

1. Specification

A. Electrical Characteristics	
Frequency	2400-2500MHz
S.W.R.	≤ 2.0
Antenna Gain	12dBi
Polarization	V
Horizontal Beamwidth	$60 \pm 5^\circ$
Vertical Beamwidth	$45 \pm 5^\circ$
F/B	$> 18\text{dB}$
Impedance	50Ohm
Max. Power	50W
B. Material & Mechanical Characteristics	
Connector Type	RG58U L=150cm N Female connector
Dimension	210*180*45mm
Radome material	ABS
Weight	0.35Kg
C. Environmental	
Operation Temperature	$-40^\circ\text{C} \sim +85^\circ\text{C}$
Storage Temperature	$-40^\circ\text{C} \sim +85^\circ\text{C}$
Operation Humidity	95%
Rated Wind Velocity	36.9m/s

2. Antenna - S Parameter Test Data

2.1 VSWR

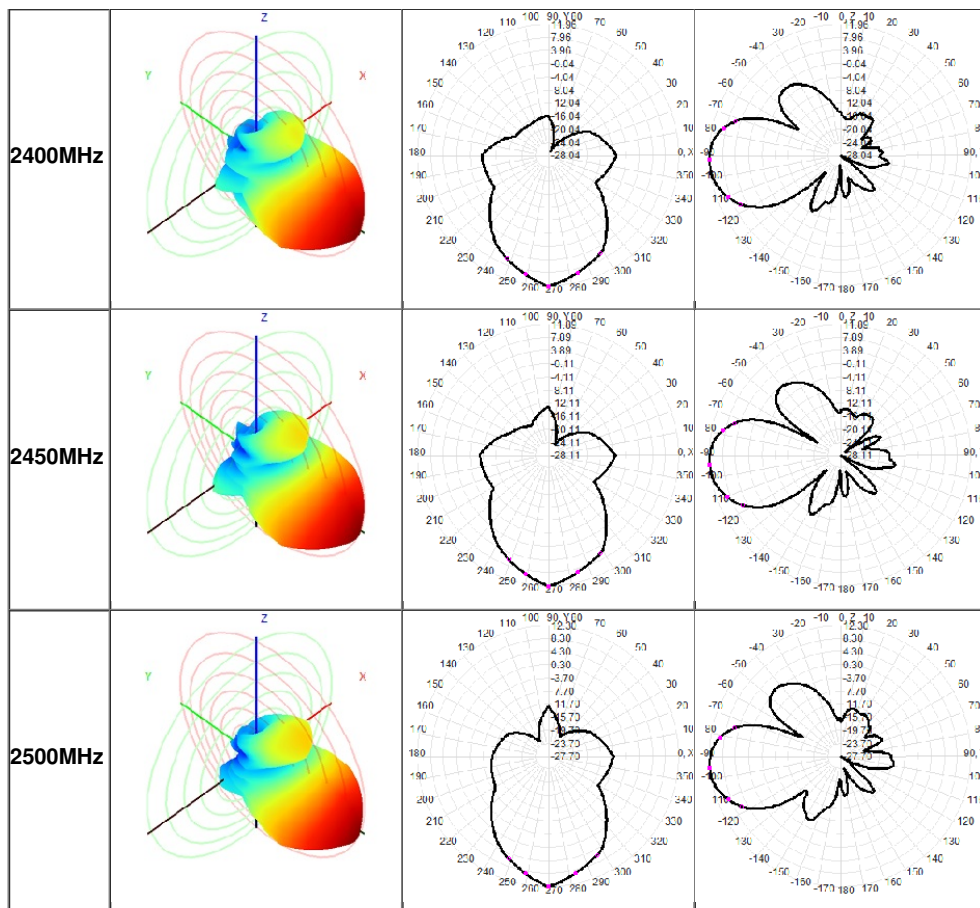


2.2 Total Efficiency & Gain:

Frequency(MHz)	Gain(dBi)	Efficiency (%)
2400.0	11.96	58.95
2410.0	12.02	59.20
2420.0	11.96	58.19
2430.0	11.90	56.76
2440.0	11.89	55.83
2450.0	12.03	57.65
2460.0	12.17	58.19
2470.0	12.19	57.29
2480.0	12.13	56.36
2490.0	12.20	56.64
2500.0	12.30	56.89

2.3 Radiation Pattern

Port1	3D	2D-Horizontal	2D-Vertical



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