



5.8G 5150-5850M 12dBi dual-polarization omnidirectional WIFI antenna 72x600mm

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10825-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 500 per day



Product Specification

- Frequency: 5150-5850MHz
- VSWR: <2.0
- Peak Gain: 12dBi
- Impedance: 50
- Highlight: 5.8G omnidirectional WIFI antenna,
dual-polarization outdoor WIFI antenna,
12dBi waterproof omnidirectional antenna



More Images



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Product Description

1. Specification

A. Electrical Characteristics

Frequency	5150-5850MHz
VSWR	< 2.0
Efficiency	≈83%
Peak Gain	12dBi
Impedance	50 Ohm
Polarization	H+V
Horizontal Beamwidth	360°
Vertical Beamwidth	8-19°
T90(H) roundness	±5
Max Power	50W

B. Material & Mechanical

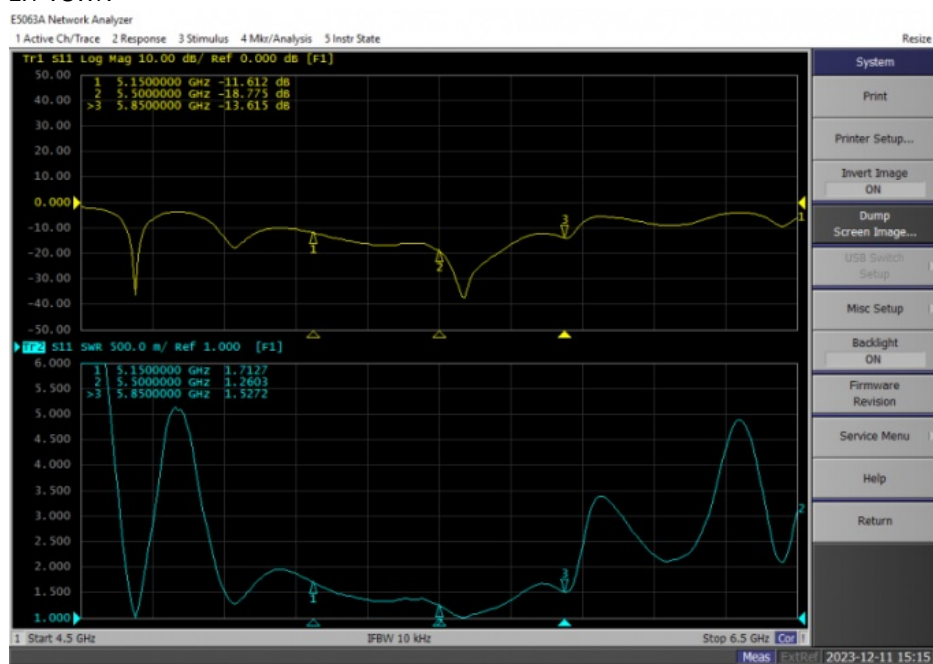
Connector Type	N-K*2
Dimension	Φ72*600±5mm
Weight	2.1Kg
Radome material	Fiberglass(White)

C. Environmental

Operation Temperature	- 45°C ~ +85 °C
Storage Temperature	- 45°C ~ +85 °C
Rated Wind Velocity	36.9m/s
Lighting Protection	Dc grounding

2. Antenna - S Parameter Test Data

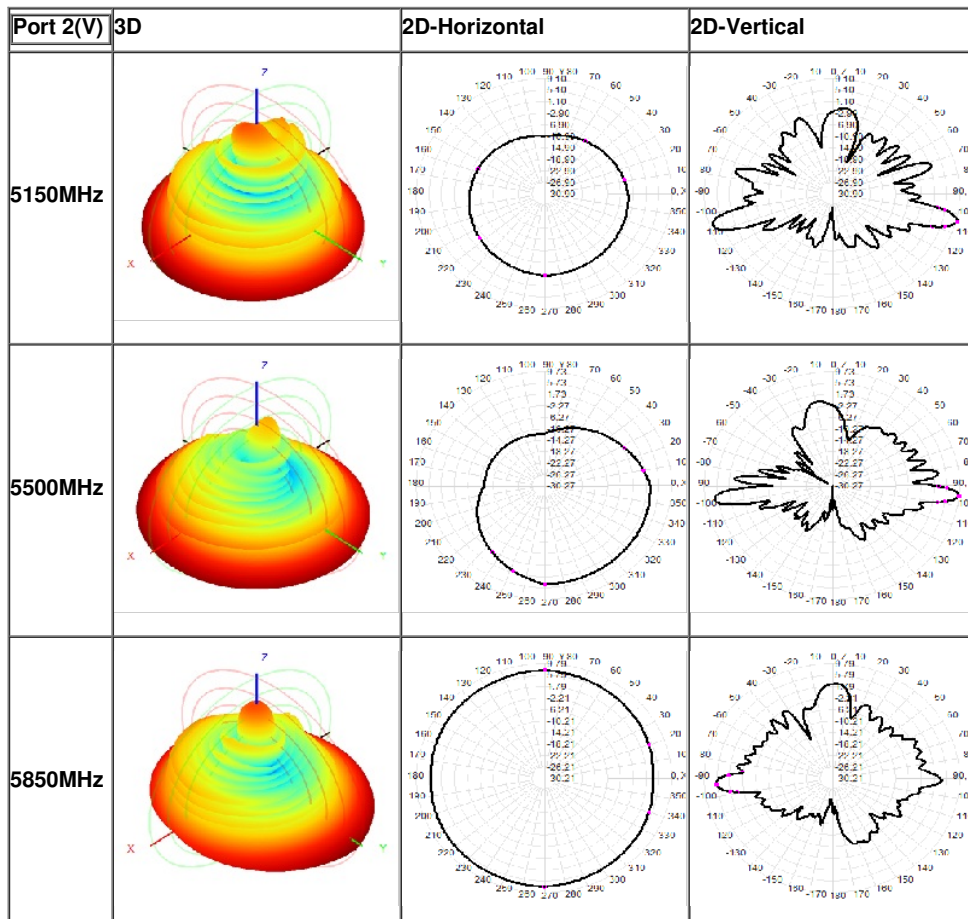
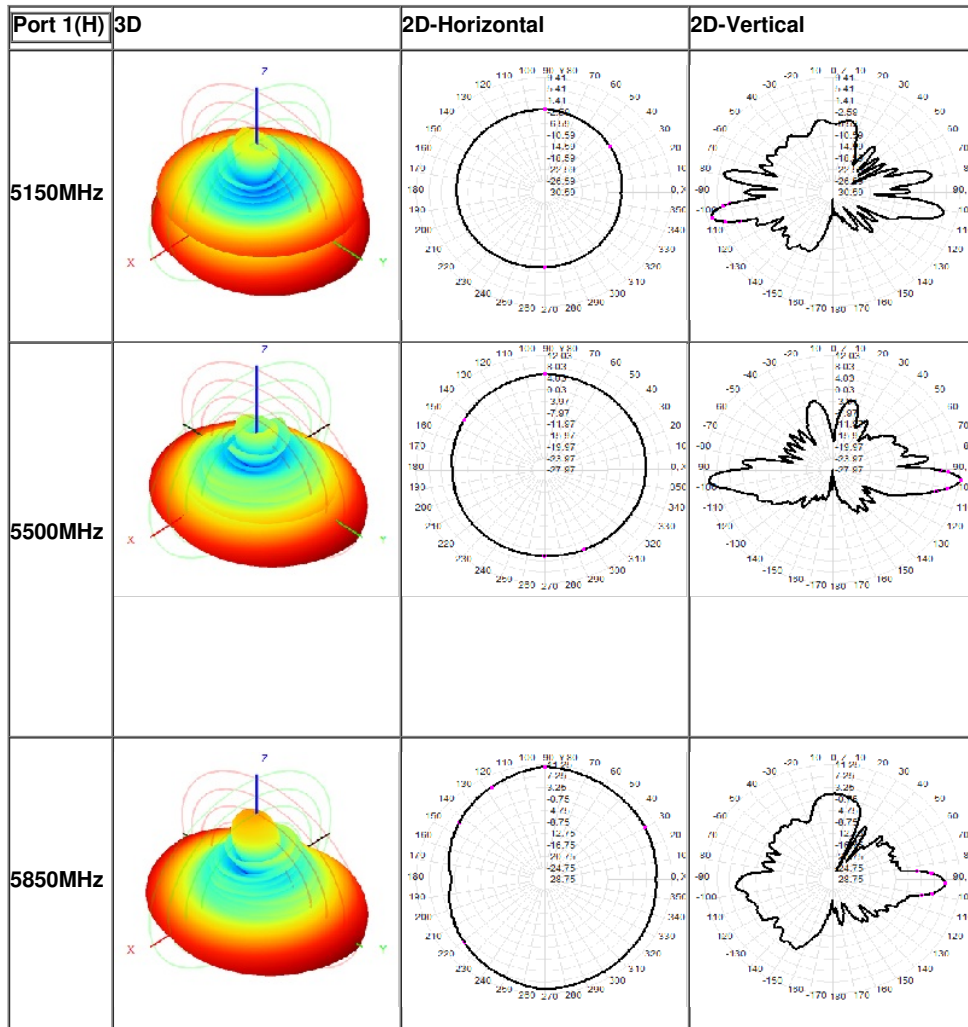
2.1 VSWR



2.2 Total Efficiency & Gain:

Port 1(H)			Port 2(V)		
Frequency (MHz)	Gain (dBi)	Efficiency (%)	Frequency (MHz)	Gain (dBi)	Efficiency (%)
4900	9.4	71.2	4900	8.7	58.3
5000	10.1	76.6	5000	9.1	63.9
5100	10.4	74.0	5100	9.5	69.9
5200	10.7	73.7	5200	9.9	69.1
5300	11.2	81.1	5300	10.1	75.2
5400	11.8	85.6	5400	9.8	69.3
5500	12.0	85.9	5500	9.7	68.9
5600	12.0	89.1	5600	9.4	66.9
5700	11.8	87.6	5700	8.7	62.3
5800	11.2	87.7	5800	9.8	68.0
5900	7.0	51.9	5900	10.8	75.6
6000	9.6	63.4	6000	9.3	66.7

2.3 Radiation Pattern





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