



5.8G 4900-5900M 11dBi dual-polarization omnidirectional WIFI antenna 77x465mm

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-11859-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 500 per day



Product Specification

- Frequency: 4900-5900MHz
- VSWR: <2.5
- Peak Gain: 11dBi
- Impedance: 50
- Highlight: 5.8G omnidirectional WIFI antenna, dual-polarization outdoor WIFI antenna, waterproof high-gain 11dBi antenna



More Images



Product Description

1. Specification

A. Electrical Characteristics

Frequency	4900-5900MHz
VSWR	< 2.5
Efficiency	~56%
Peak Gain	11dBi
Impedance	50 Ohm
Polarization	H+V
Horizontal Beamwidth	360°
Vertical Beamwidth	6-9°
T90(H) roundness	±4
Max Power	50W

B. Material & Mechanical

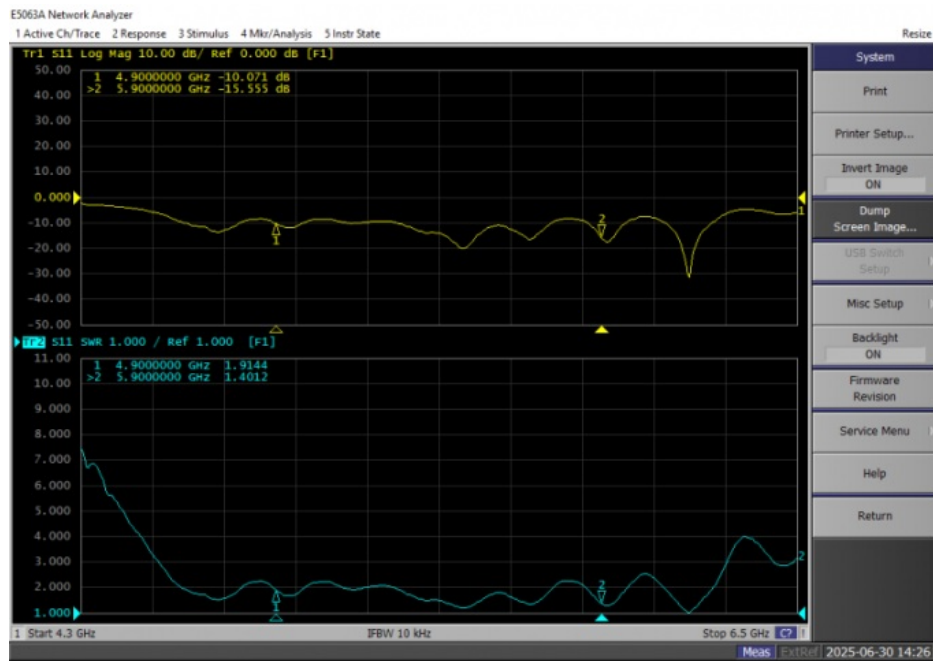
Connector Type	N-K*2
Dimension	Φ77*465±5mm
Weight	1.9Kg
Radome material	PVC(White)

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

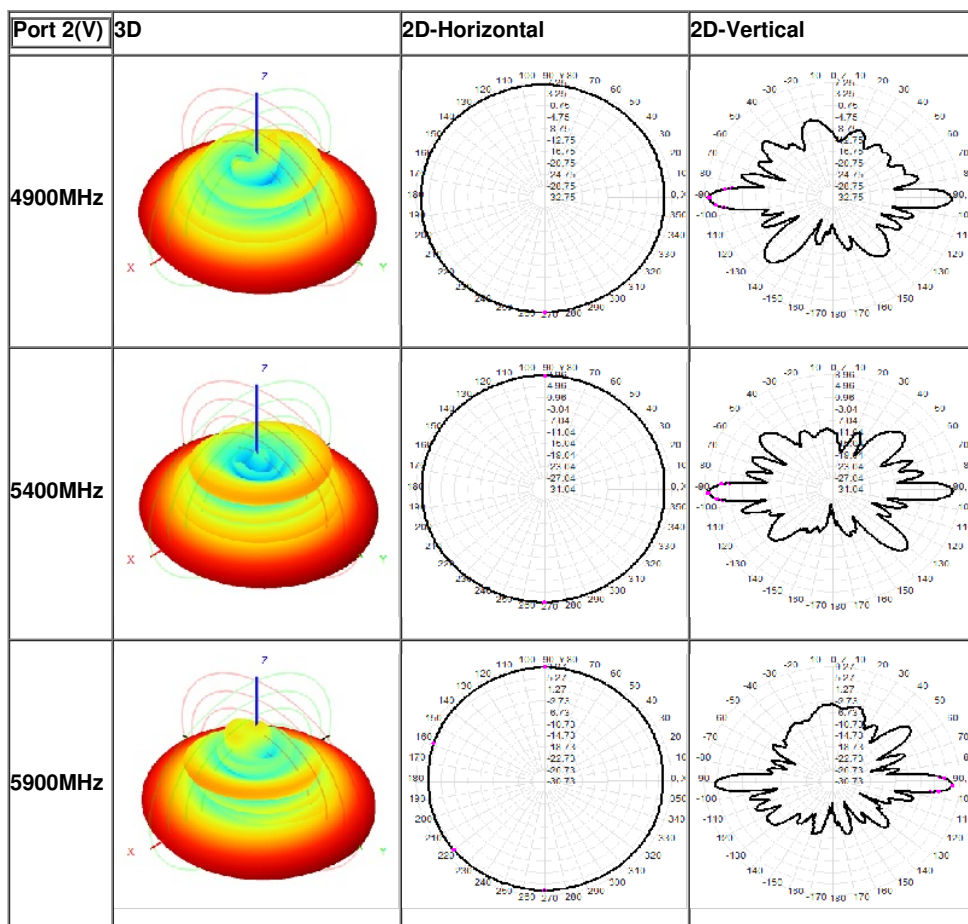
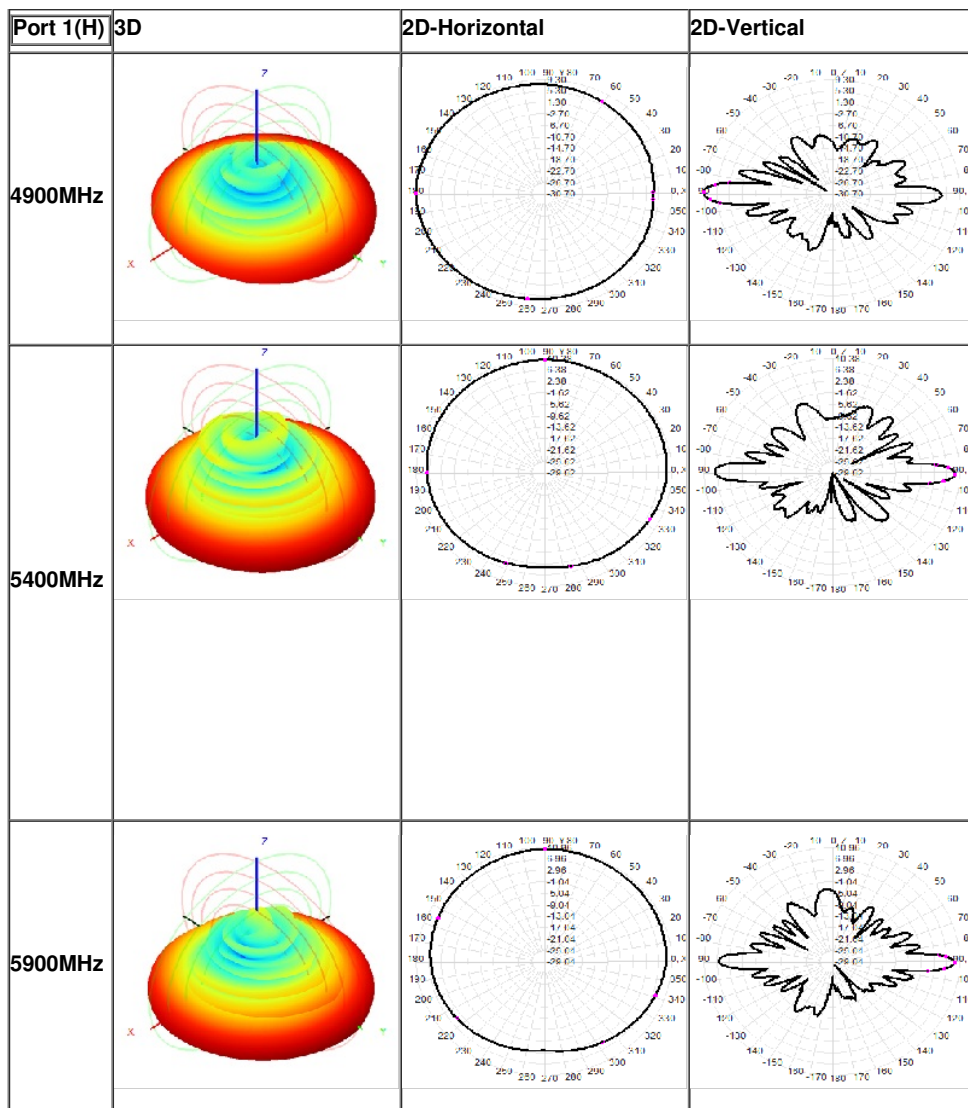
2.1 VSWR



2.2 Total Efficiency & Gain:

Port 1(H)			Port 2(V)		
Frequency (MHz)	Gain (dBi)	Efficiency (%)	Frequency (MHz)	Gain (dBi)	Efficiency (%)
4900	9.3	51.0	4900	7.3	46.1
5000	9.4	53.9	5000	8.5	57.7
5100	8.5	50.3	5100	8.2	53.3
5200	9.7	53.7	5200	8.8	57.9
5300	9.6	59.3	5300	9.4	61.5
5400	10.4	64.1	5400	9.0	64.6
5500	11.2	67.3	5500	9.7	70.9
5600	10.8	57.0	5600	8.5	57.6
5700	11.1	57.0	5700	8.8	51.0
5800	9.7	46.6	5800	9.9	58.4
5900	11.0	59.4	5900	9.3	52.2

2.3 Radiation Pattern





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