



2.4G 5.8G 4dBi Wifi Omni Fiberglass Antenna 20x160mm

Our Product Introduction

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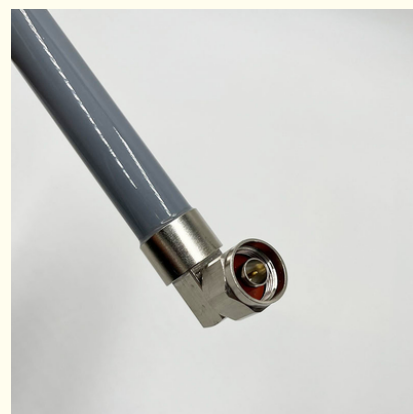
Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10678-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 500 per day



Product Specification

- Frequency: 2400-2500/5150-5850MHz
- VSWR: <2.0
- Peak Gain: 4dBi
- Impedance: 50
- Highlight: 4dBi wifi omni fiberglass antenna,
20x160mm wifi omni fiberglass antenna,
2.4G5.8G wifi omni fiberglass antenna



More Images



Product Description

1. Specification

A. Electrical Characteristics

Frequency	2400-2500/5150-5850MHz
VSWR	< 2.0
Efficiency	≈70%
Peak Gain	4dBi
Impedance	50 Ohm
Polarization	Linear
Horizontal Beamwidth	360°
Vertical Beamwidth	60±10°
T90(H) roundness	±3
Max Power	50W

B. Material & Mechanical

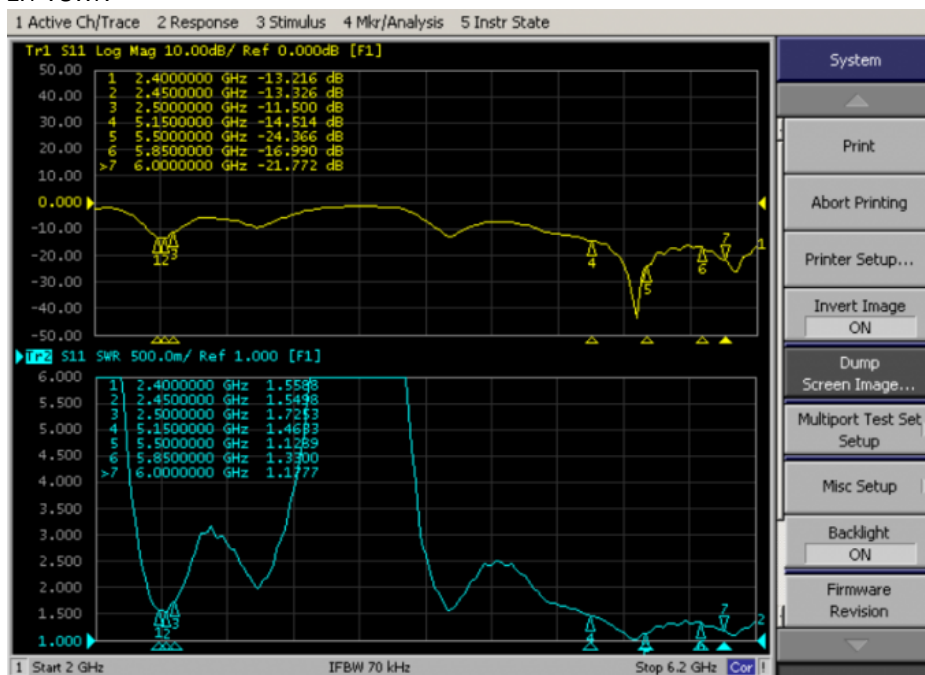
Connector Type	N-JW
Dimension	Φ20*160±3mm
Weight	0.11Kg
Radome material	Fiberglass (Grey)

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

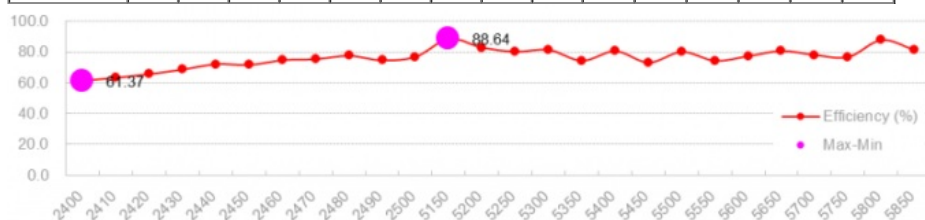
2.1 VSWR



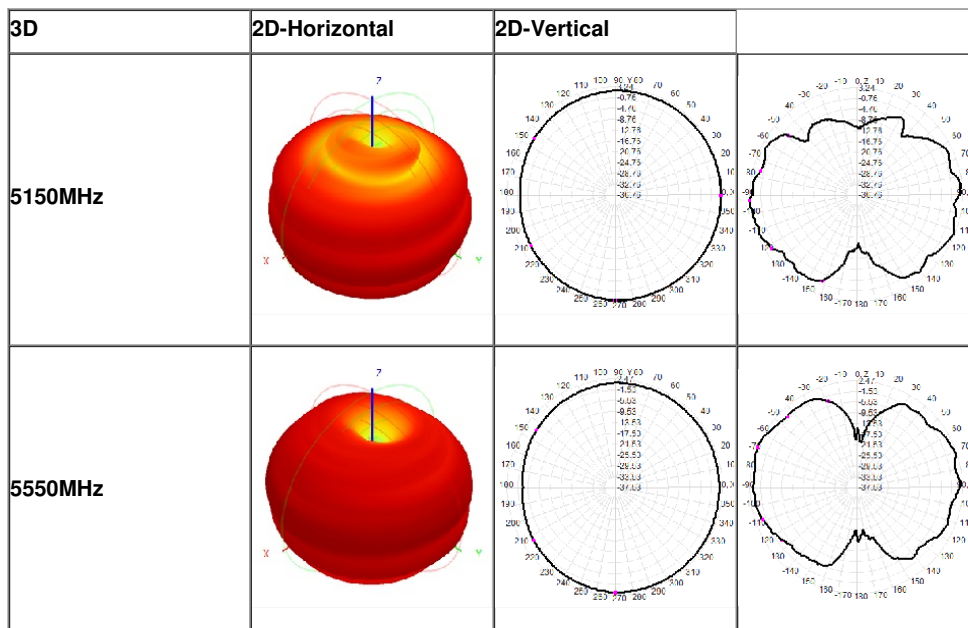
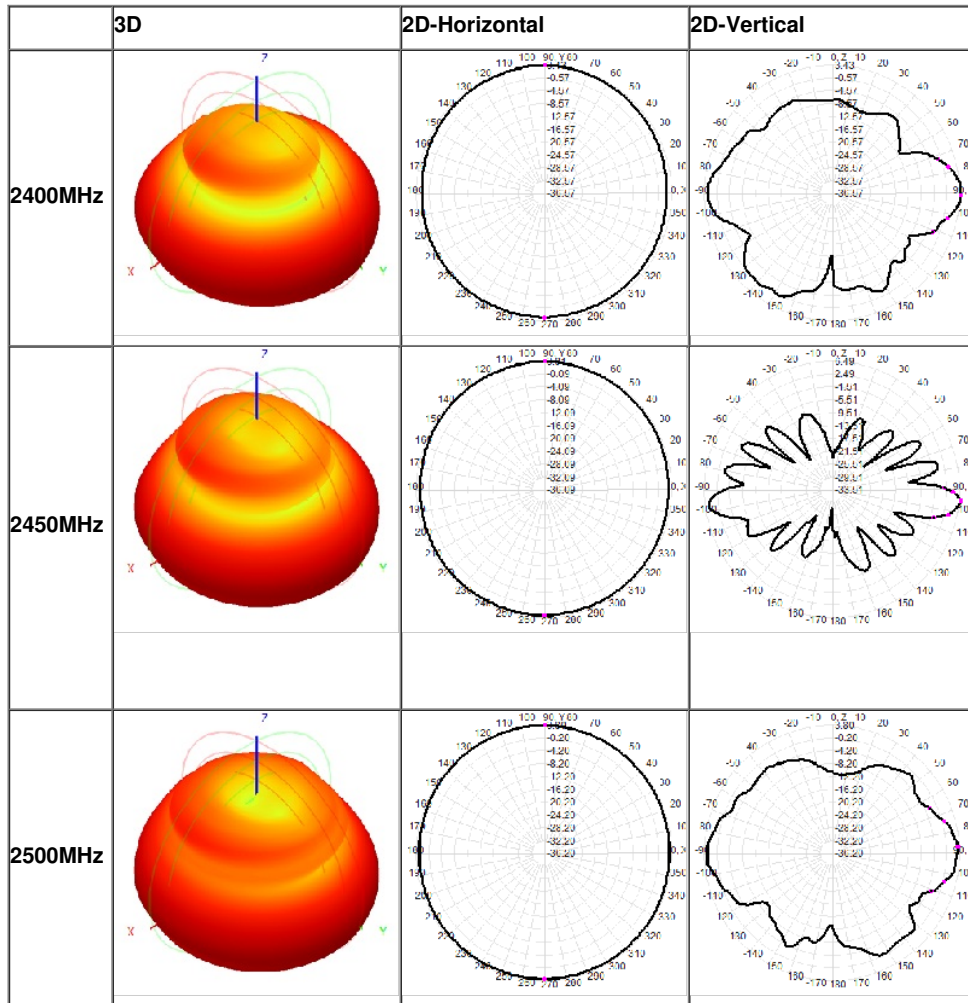
2.2 Total Efficiency & Gain:

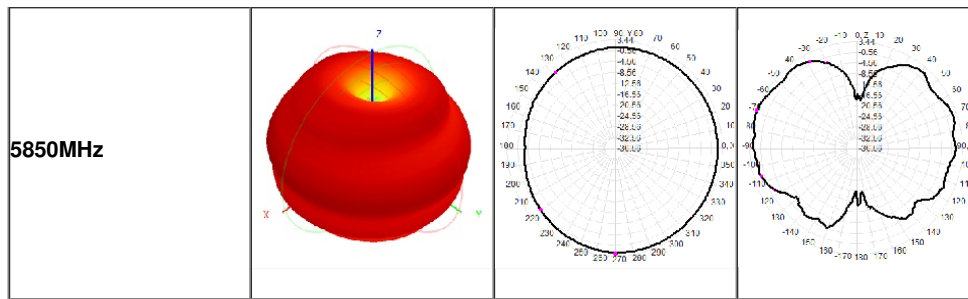
Frequency(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	3.4	3.6	3.7	3.9	4.1	3.9	4.0	3.9	4.0	3.8	3.8
Efficiency (%)	61.4	63.3	65.7	68.7	72.2	71.6	74.8	75.5	77.6	74.6	77.0

Frequency(MHz)	5150	5200	5250	5300	5350	5400	5450	5500	5550	5600	5650	5700	5750	5800	5850
Gain (dBi)	3.2	2.7	2.2	2.2	1.9	2.5	2.2	2.7	2.5	2.7	2.9	2.9	3.0	3.6	3.4
Efficiency (%)	88.6	82.9	80.3	81.5	74.4	80.6	73.2	80.2	74.4	77.4	80.8	78.2	76.9	87.9	81.3



2.3 Radiation Pattern





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