



5.8G Omnidirectional WiFi Antenna 5dBi Fiberglass Antenna 5150-5850MHz 20x200mm

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-11680-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: 5dBi
- Impedance: 50



More Images



Product Description

1. Specification

A. Electrical Characteristics

Frequency	5150-5850MHz
VSWR	< 2.0
Efficiency	≈77%
Peak Gain	5dBi
Impedance	50 Ohm
Polarization	Linear
Horizontal Beamwidth	360°
Vertical Beamwidth	30±10°
T90(H) roundness	±1
Max Power	50W

B. Material & Mechanical

Connector Type	N-J
Dimension	Φ16*200±5mm
Weight	0.1Kg
Radome material	Fiberglass (Grey)

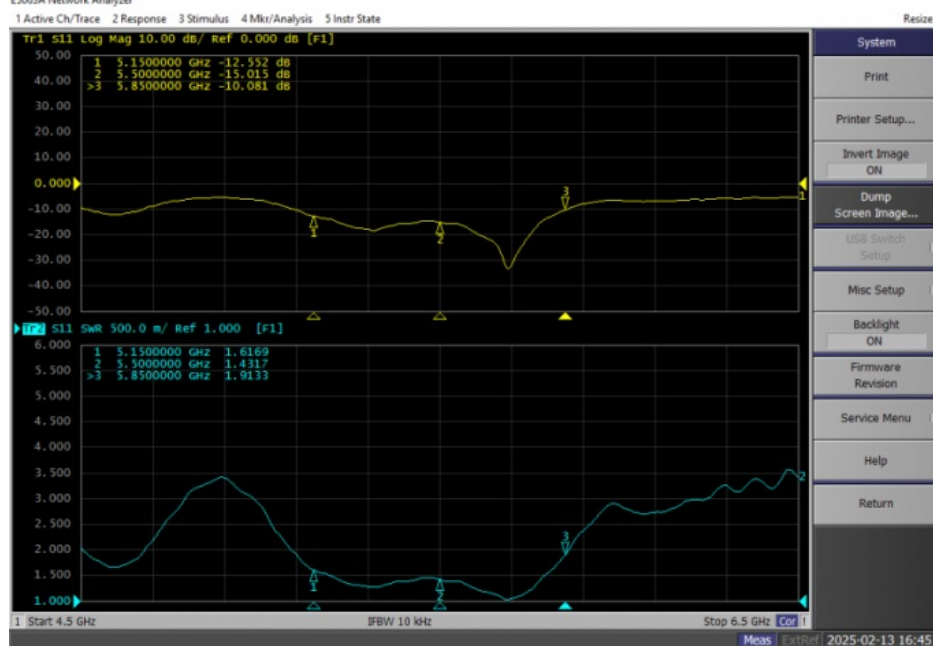
C. Environmental

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

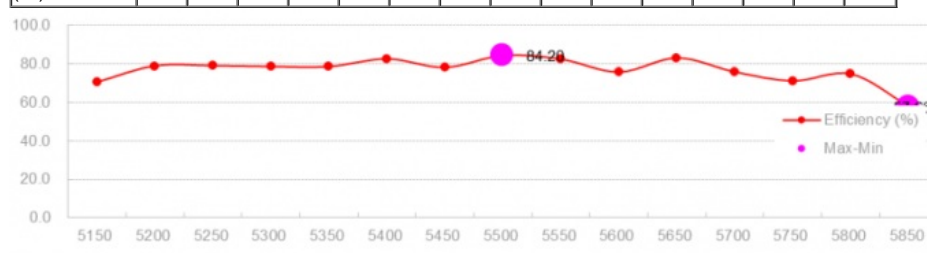
2.1 VSWR

E5063A Network Analyzer

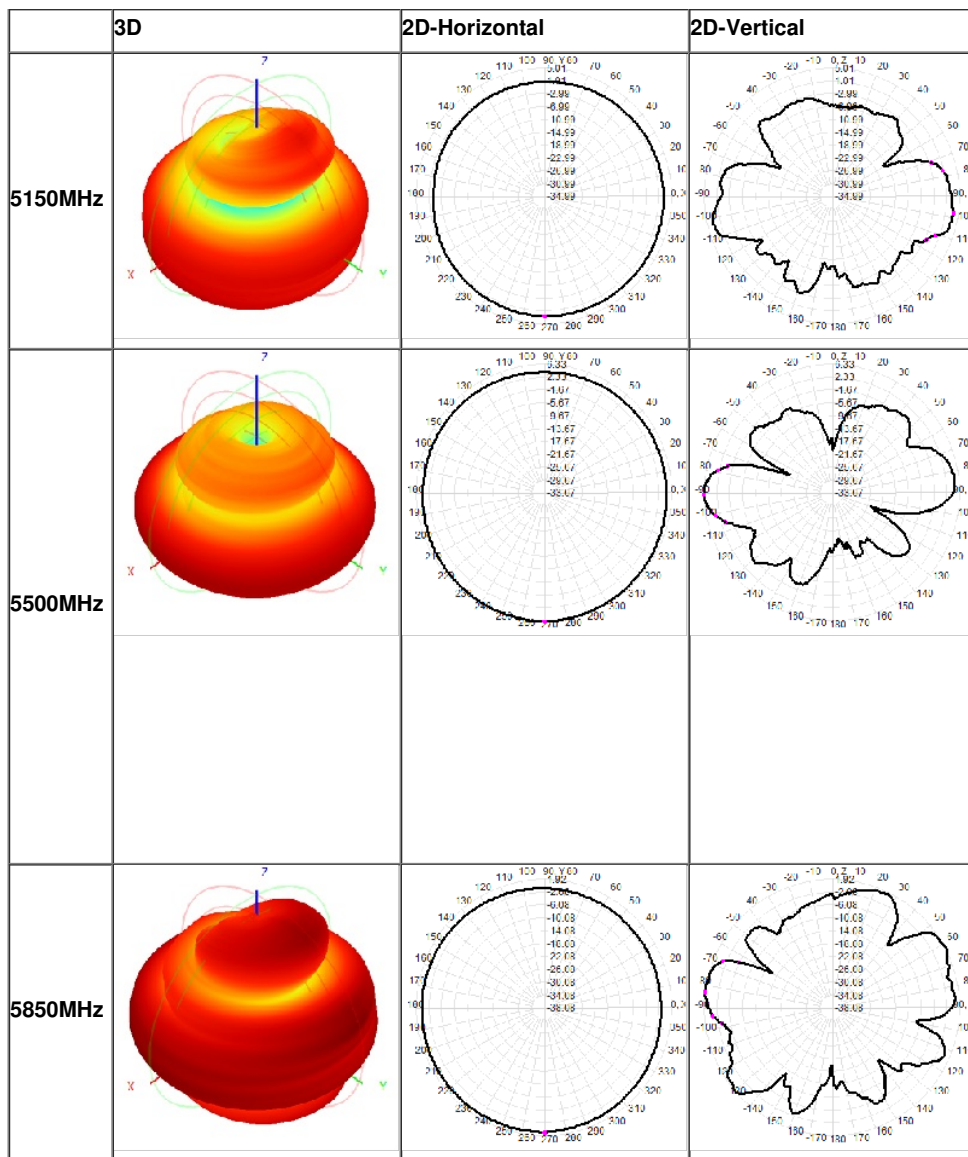


2.2 Total Efficiency & Gain:

Frequency(MHz)	515	520	525	530	535	540	545	550	555	560	565	570	575	580	5850
Gain (dBi)	5.0	4.6	5.3	5.7	6.0	6.4	6.1	6.3	6.2	5.6	5.8	4.9	3.9	3.4	1.9
Efficiency (%)	70.4	78.8	78.9	78.5	78.5	82.4	78.0	84.2	82.3	75.6	82.9	75.6	71.0	74.6	57.7



2.3 Radiation Pattern



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