



N male 6-7G 6000-7000MHz 5dbi UWB channel 5 omnidirectional Fiberglass waterproof Antenna 16x100mm

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10475-A
- Minimum Order Quantity: 10
- Price: RMB
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 500 per day



Product Specification

- Frequency: 6000-7000MHz
- VSWR: <2.0
- Peak Gain: 5dBi
- Impedance: 50 OHM
- Highlight: **UWB antenna waterproof fiberglass,
N male UWB omnidirectional antenna,
5dbi UWB antenna 6000-7000MHz**

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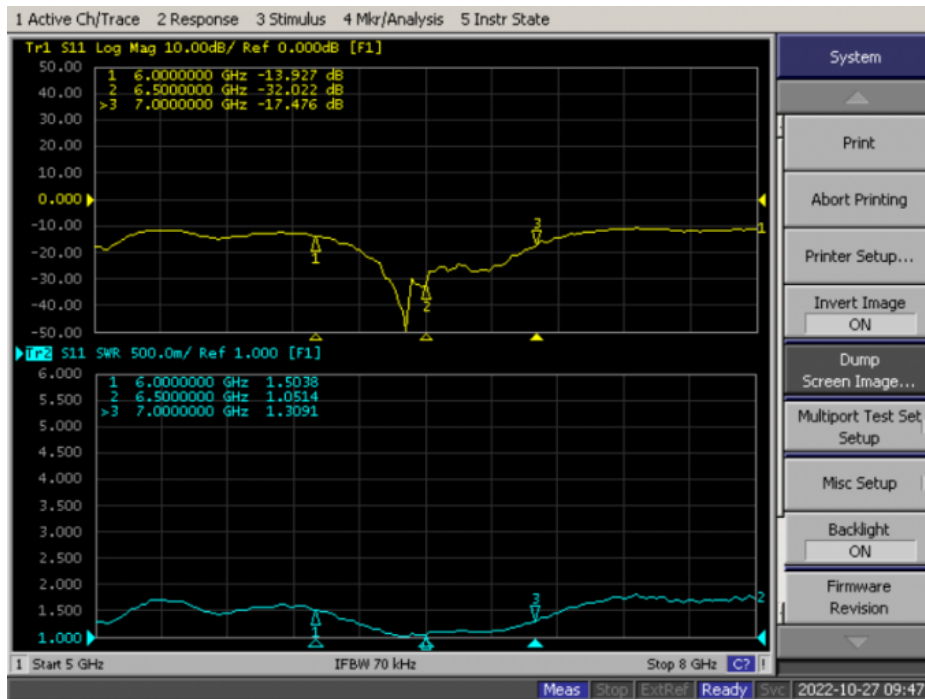
Product Description

1. Specification

A. Electrical Characteristics	
Frequency	6000-7000MHz
Impedance	50 Ohm
S.W.R.	<2.0
Antenna Gain	5dBi
Efficiency	≈78%
Polarization	Linear
Horizontal Beamwidth	360°
Vertical Beamwidth	50°
Max Power	50W
B. Material & Mechanical Characteristics	
Connector Type	N-J
Dimension	Φ16*100mm
Weight	0.06Kg
Radome material	Fiberglass(white)
C. Environmental	
Operation Temperature	- 40 °C ~ + 80 °C
Storage Temperature	- 40 °C ~ + 80 °C
Rated Wind Velocity	36.9m/s
Lighting Protection	DC Ground

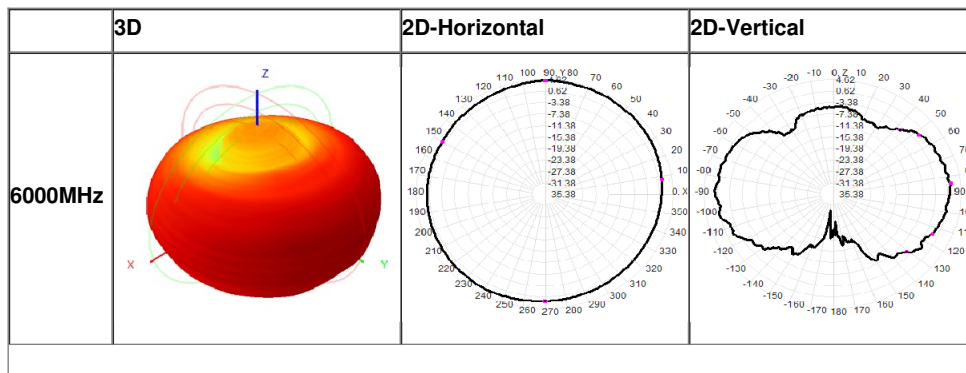
2. Antenna - S Parameter Test Data

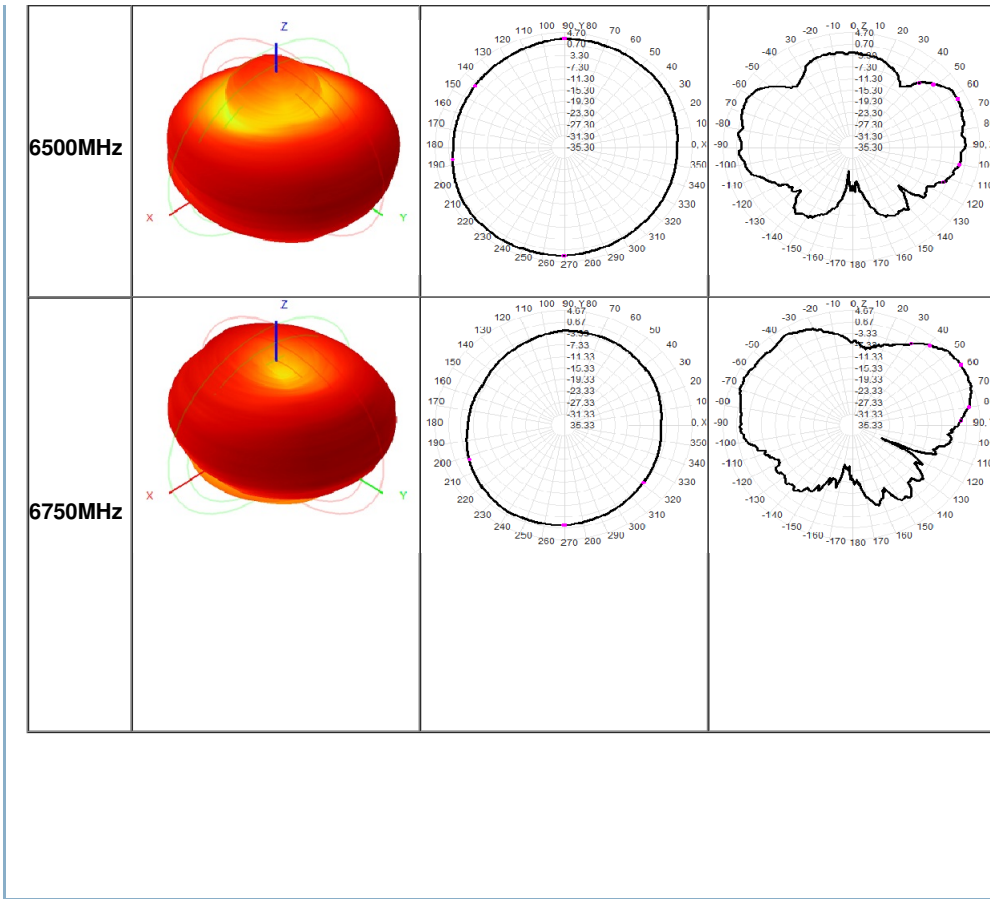
2.1 VSWR



Frequency(MHz)	6000.0	6050.0	6100.0	6150.0	6200.0	6250.0	6300.0	6350.0	6400.0	6450.0	6500.0
Gain (dBi)	4.62	4.55	4.76	4.91	4.46	4.69	4.73	4.95	4.73	4.63	4.77
Efficiency (%)	83.13	82.38	84.14	85.01	76.72	80.83	83.11	86.40	80.31	76.18	76.23
Frequency(MHz)	6550.0	6600.0	6650.0	6700.0	6750.0	6800.0	6850.0	6900.0	6950.0	7000.0	
Gain (dBi)	4.82	4.68	5.14	5.10	5.19	5.02	5.39	5.13	5.08	4.74	
Efficiency (%)	77.59	73.40	79.05	77.84	76.55	73.45	78.70	75.50	73.62	68.70	

2.3 Radiation Pattern





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