



## N male 7.7-8.3G 7700-8300MHz 6dbi UWB channel 9 omnidirectional Fiberglass waterproof Antenna 16x200mm

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10644-A
- Minimum Order Quantity: 10
- Price: RMB
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 500 per day



### Product Specification

- Frequency: 7700-8300MHz
- VSWR: <2.0
- Peak Gain: 6dBi
- Impedance: 50 OHM
- Highlight: **UWB antenna N male connector, fiberglass waterproof UWB antenna, 6dbi omnidirectional UWB antenna**



### More Images



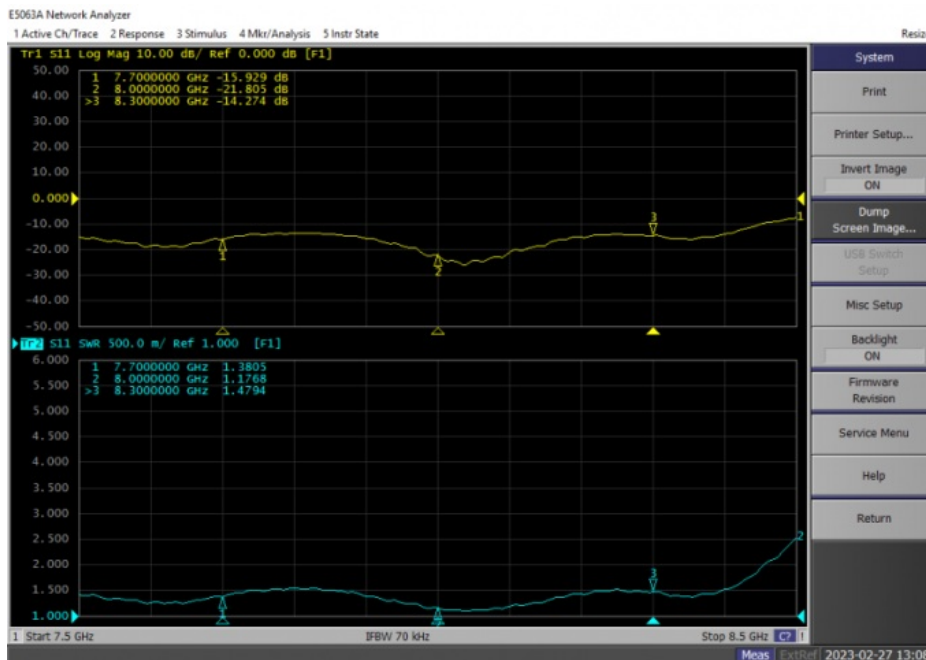
## Product Description

### 1. Specification

A. Electrical Characteristics	
Frequency	7700-8300MHz
Impedance	50 Ohm
S.W.R.	<2.0
Antenna Gain	6dBi
Efficiency	~50%
Polarization	Linear
Horizontal Beamwidth	360°
Vertical Beamwidth	11-18°
Max Power	50W
B. Material & Mechanical Characteristics	
Connector Type	N-J
Dimension	Φ16*200mm
Weight	0.08Kg
Radome material	Fiberglass
C. Environmental	
Operation Temperature	- 40 °C ~ + 80 °C
Storage Temperature	- 40 °C ~ + 80 °C
Rated Wind Velocity	36.9m/s
Lighting Protection	DC Ground

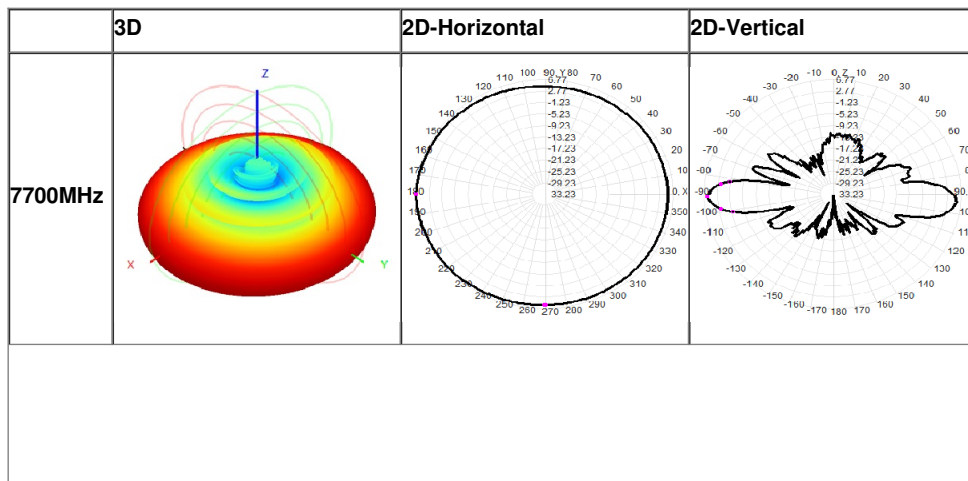
### 2. Antenna - S Parameter Test Data

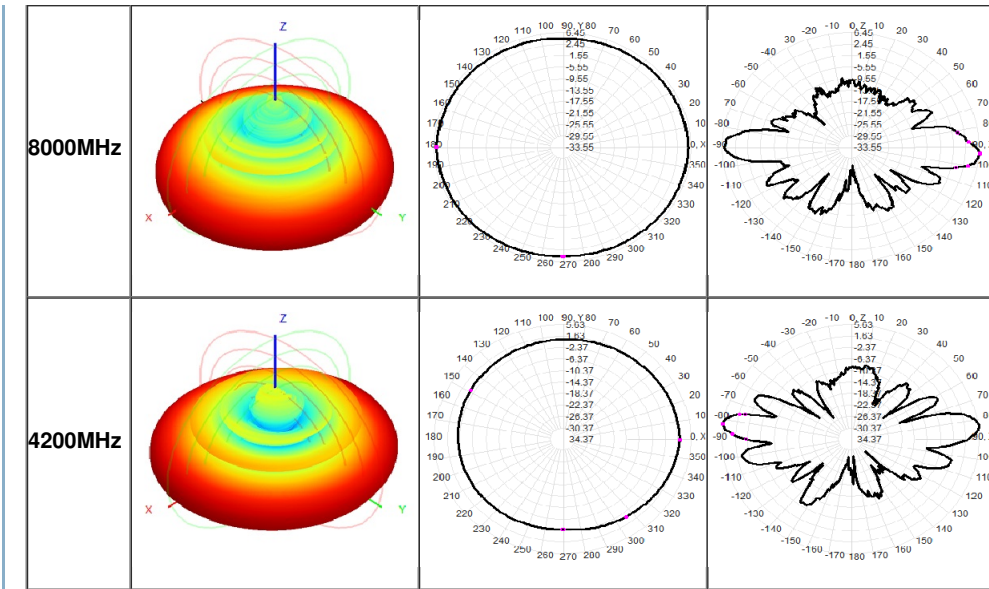
#### 2.1 VSWR



Frequency(MHz)	7700.0	7750.0	7800.0	7850.0	7900.0	7950.0	8000.0	8050.0	8100.0	8150.0	8200.0	8250.0	8300.0
Gain (dBi)	6.77	6.73	6.74	6.52	6.48	6.29	6.45	5.18	5.01	5.43	5.06	5.00	5.63
Efficiency (%)	52.70	50.85	52.17	49.79	48.77	48.09	47.71	42.38	41.56	44.84	40.20	40.12	41.27

#### 2.3 Radiation Pattern





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