



Fiberglass 5 Dbi Omnidirectional Antenna 700-6000MHz

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10765-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day



Product Specification

- Frequency: 700-6000MHz
- VSWR: <2.0
- Peak Gain: 5dBi
- Impedance: 50
- Highlight: 700-6000MHz Omnidirectional Antenna, Fiberglass Omnidirectional Antenna, 5 Dbi Omnidirectional Antenna



More Images



Product Description

1. Specification

A. Electrical Characteristics

Frequency	700-960MHz	1710-6000MHz
S.W.R.	<2.0	<2.0
Efficiency	≈70%	≈80%
Antenna Gain	3dBi	5dBi
Polarization	Linear	Linear
Horizontal Beamwidth	360°	360°
Vertical Beamwidth	27-32°	27-80°
Impedance	50 Ohm	50 Ohm
Max Power	50W	50W

B. Material & Mechanical Characteristics

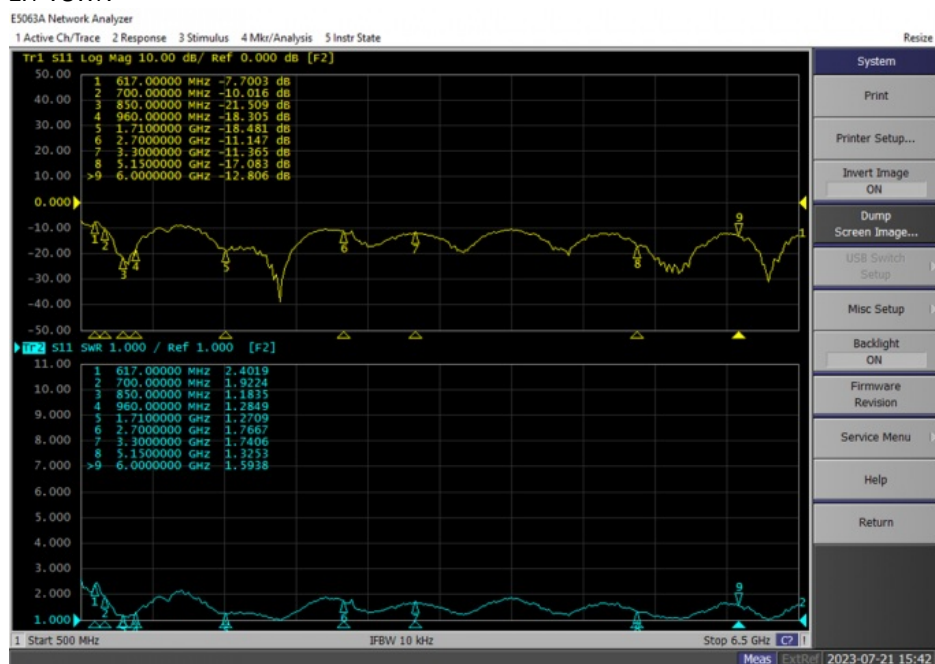
Connector Type	N connector
Dimension	Φ95*142mm
Weight	0.375Kg
Radome material	Fiberglass

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

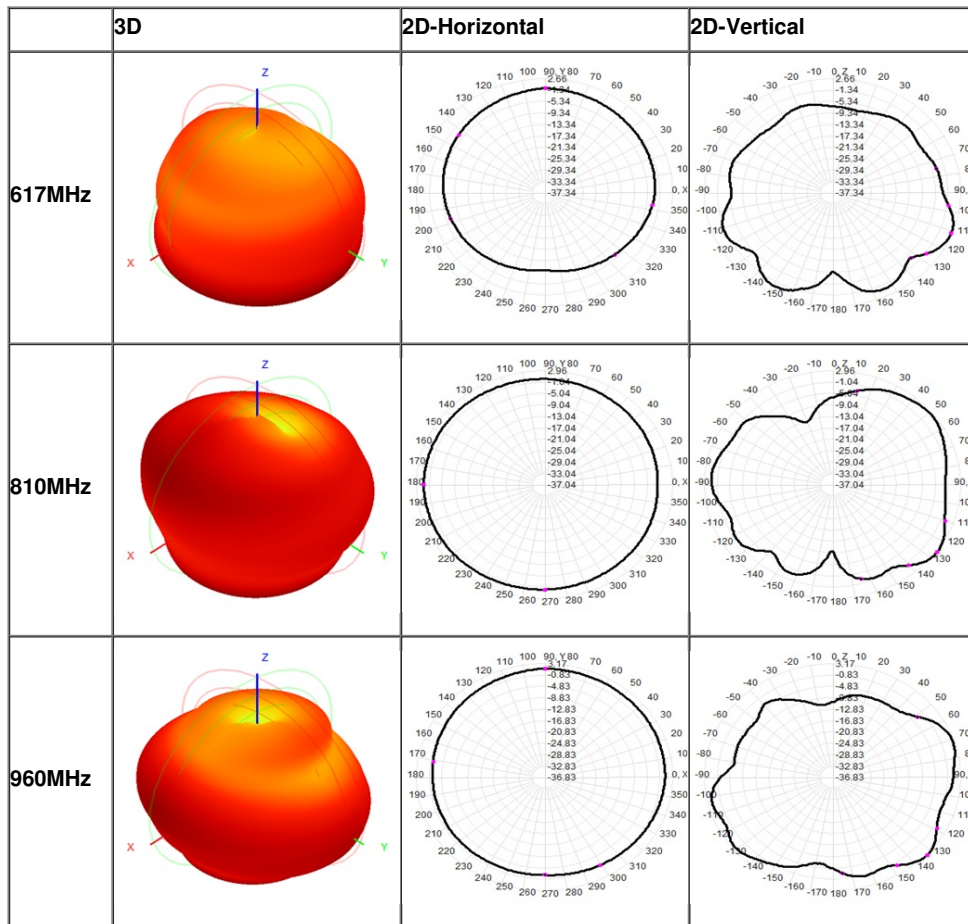


2.2 Total Efficiency & Gain:

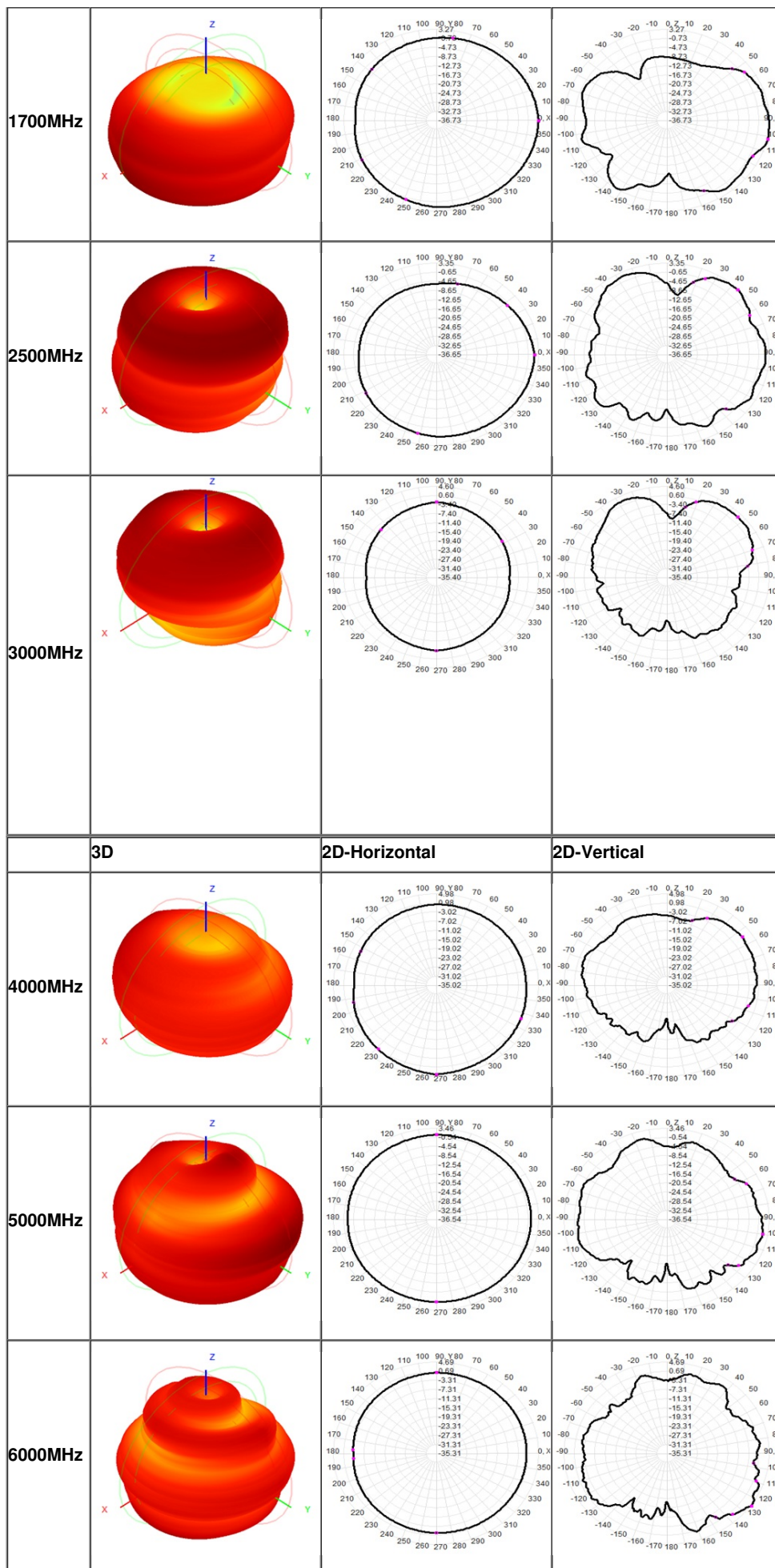
Frequency (MHz)	Gain (dBi)	Efficiency (%)	Frequency (MHz)	Gain (dBi)	Efficiency (%)
617.0	2.7	54.8	3100.0	4.9	72.8
618.0	2.7	54.5	3200.0	4.9	74.5
619.0	2.6	53.8	3300.0	4.2	76.3
620.0	2.6	53.1	3400.0	4.2	79.2
630.0	3.1	56.8	3500.0	3.4	73.5
660.0	2.5	57.0	3600.0	4.1	83.7
690.0	3.4	61.7	3700.0	4.8	81.2
720.0	3.3	71.7	3800.0	4.9	85.7
750.0	2.8	79.3	3900.0	5.0	84.5
780.0	2.9	83.7	4000.0	5.0	88.0
810.0	3.0	83.9	4100.0	4.8	82.8
840.0	2.9	76.5	4200.0	4.7	84.6
870.0	3.0	71.3	4300.0	4.6	86.7
900.0	3.2	70.6	4400.0	4.6	85.5

930.0	3.3	77.0	4500.0	4.8	85.4
960.0	3.2	80.2	4600.0	4.7	88.8
1700.0	3.3	73.5	4700.0	4.1	86.6
1800.0	3.0	68.2	4800.0	4.0	91.7
1900.0	3.6	73.3	4900.0	3.3	83.8
2000.0	4.3	79.5	5000.0	3.5	82.7
2100.0	4.1	81.6	5100.0	3.4	79.4
2200.0	3.9	79.5	5200.0	2.9	77.0
2300.0	3.2	76.7	5300.0	4.3	83.3
2400.0	3.1	80.2	5400.0	4.0	75.8
2500.0	3.3	77.9	5500.0	4.5	77.2
2600.0	3.8	71.0	5600.0	4.5	75.5
2700.0	3.8	67.1	5700.0	4.8	79.0
2800.0	4.2	73.3	5800.0	4.7	78.9
2900.0	3.8	75.1	5900.0	4.8	82.6
3000.0	4.6	72.3	6000.0	4.7	89.2

2.3 Radiation Pattern



	3D	2D-Horizontal	2D-Vertical





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