



5G6G UWB 300-6000M ultra-wideband outdoor waterproof fiberglass reinforced plastic antenna 25*300mm

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-11544-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 500 per day

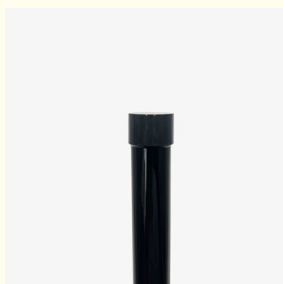
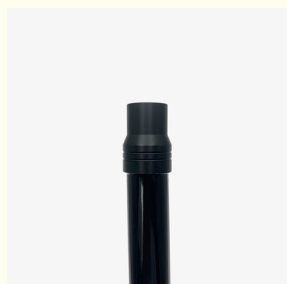


Product Specification

- Frequency: 300-6000MHz
- VSWR: <3.0
- Peak Gain: -7~+7dBi
- Impedance: 50



More Images



Product Description

1. Specification

A. Electrical Characteristics

Frequency	300-6000MHz
Impedance	50 Ohm
S.W.R.	<3.0
Gain	-7~+7dBi
Efficiency	≈46%
Horizontal Beamwidth	360°
Vertical Beamwidth	10-101°
Polarization	Linear
Max Power	50W

B. Material & Mechanical Characteristics

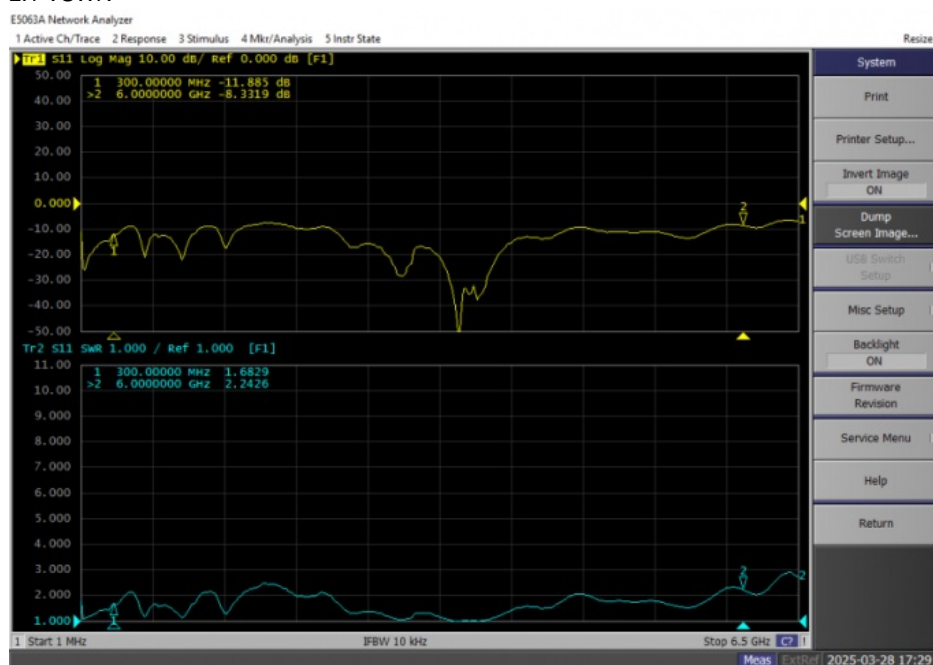
Connector Type	N connector
Dimension	Φ25*300mm
Weight	0.17Kg
Radome material	Fiberglass (black)

C. Environmental

Operation Temperature	- 40 °C ~ + 80 °C
Storage Temperature	- 40 °C ~ + 80 °C

2. Antenna - S Parameter Test Data

2.1 VSWR

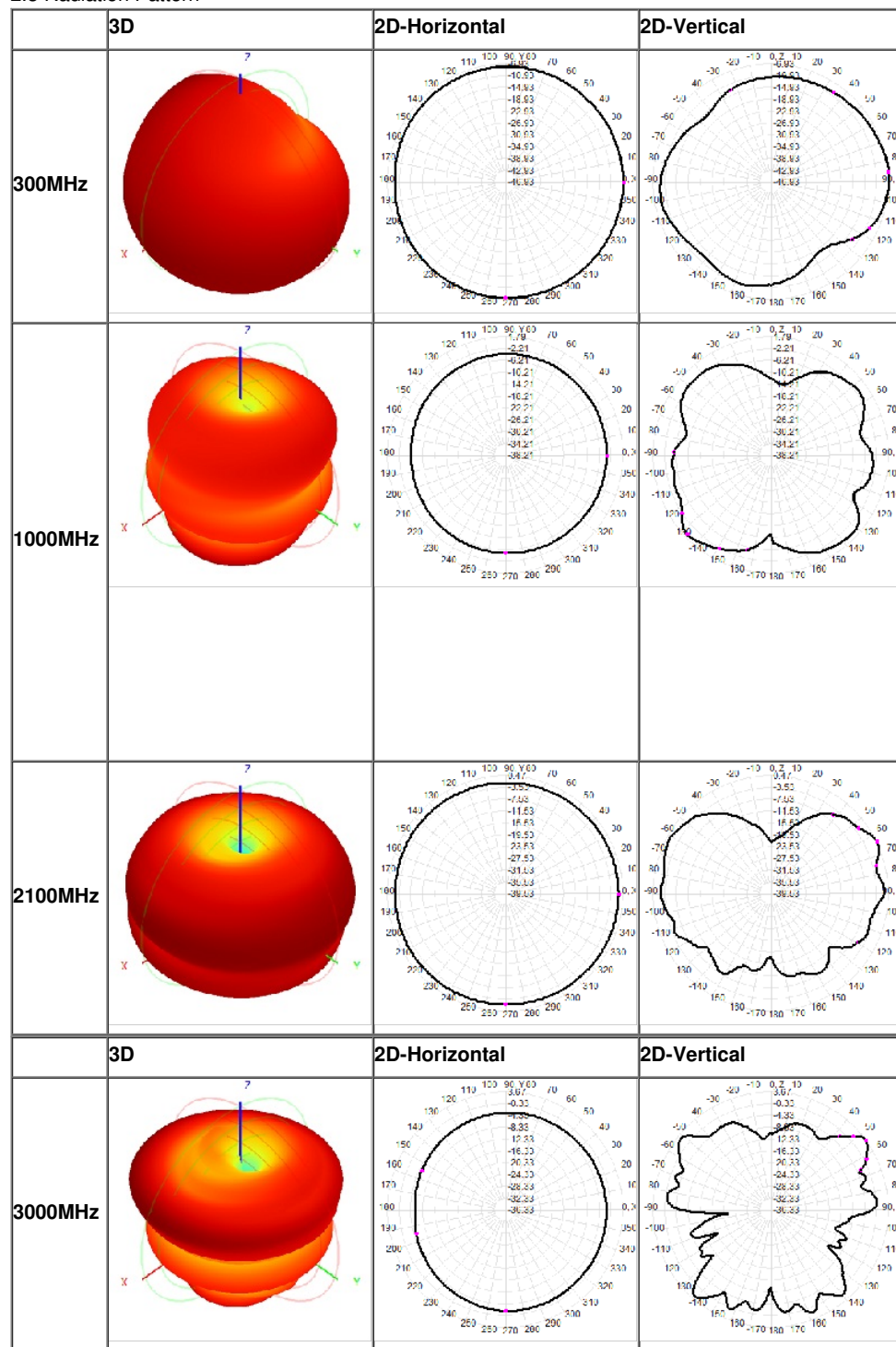


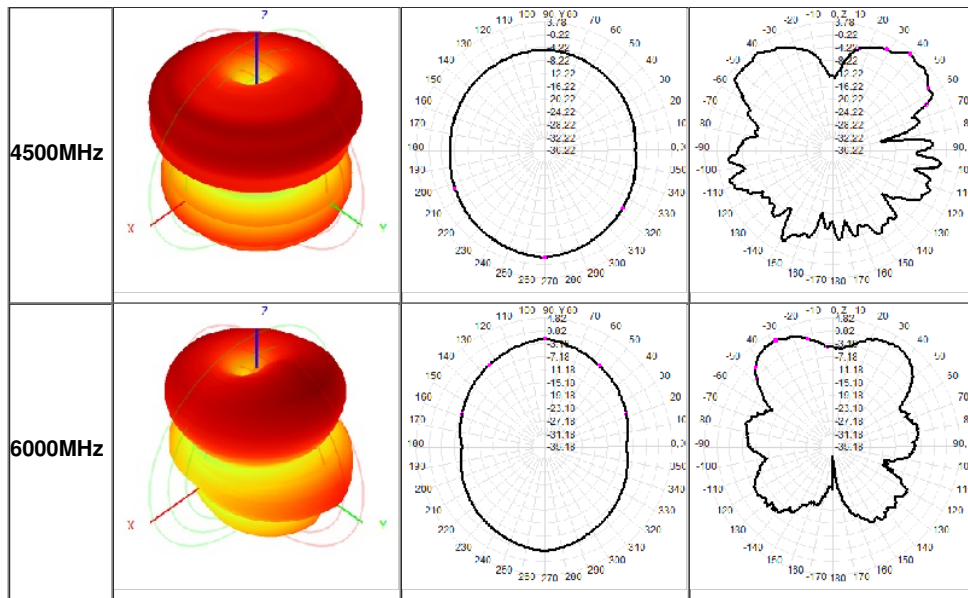
2.2 Total Efficiency & Gain:

Frequency(MHz)	Gain(dBi)	Efficiency(%)	Frequency(MHz)	Gain(dBi)	Efficiency(%)
300	-6.9	10.3	2900	3.7	57.4
350	-6.4	9.7	3000	3.9	54.4
400	-6.3	8.0	3100	3.6	57.5
450	-5.2	9.3	3200	2.9	54.9
500	-5.8	16.5	3300	2.4	55.0
550	-2.2	33.0	3400	2.0	52.6
600	0.6	51.6	3500	2.6	55.6
650	0.8	42.8	3600	2.8	52.3
700	1.4	41.6	3700	2.7	50.1
750	0.9	36.1	3800	2.4	52.1
800	1.2	30.2	3900	2.6	53.7
850	2.9	44.1	4000	2.8	52.9
900	3.0	52.9	4100	3.2	53.1
950	2.6	52.4	4200	3.1	47.7
1000	1.8	45.5	4300	3.0	46.1
1100	0.7	37.9	4400	3.0	45.7
1200	1.3	43.3	4500	3.8	49.3
1300	1.3	51.4	4600	3.4	51.5
1400	0.5	52.0	4700	3.0	49.0

1500	-1.1	42.1	4800	3.4	50.7
1600	-1.7	43.0	4900	3.2	46.8
1700	-1.3	42.7	5000	4.4	50.1
1800	-1.0	40.0	5100	5.9	54.5
1900	-0.5	42.9	5200	6.5	59.9
2000	0.5	40.8	5300	5.8	58.0
2100	0.0	40.0	5400	5.1	59.1
2200	1.2	41.9	5500	4.3	58.5
2300	1.6	46.3	5600	4.3	48.4
2400	2.6	57.0	5700	4.1	44.5
2500	2.4	58.7	5800	4.5	46.6
2600	2.1	55.1	5900	4.3	43.0
2700	2.5	58.8	6000	4.8	44.3
2800	3.4	58.5			

2.3 Radiation Pattern





Dongguan Leenz Electronics Co., Ltd



13711820037



joycewang@lzdz-tech.com



leenzantenna.com

2nd Floor, Building 1, Xinhe Industrial Park No. 162, Zhen'an East Road, Chang'an Town, Dongguan City, Guangdong Province