



SMA-J 600-6000M-6200M5dbi gooseneck antenna ,flexible antenna, omnidirectional waterproof antenna, fiberglass antenna. Unmanned aerial vehicle detection antenna,Dimensions: 16 * 400mm.

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-11785-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 500 per day

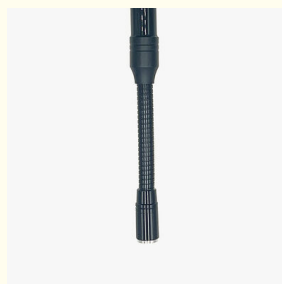
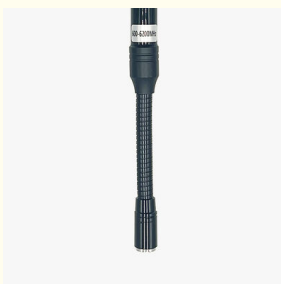


Product Specification

- Frequency: 600-6200MHz
- VSWR: <2.0
- Peak Gain: 5dBi
- Impedance: 50



More Images



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Product Description

1. Specification

A. Electrical Characteristics

Frequency	600-6200MHz
VSWR	< 3.5
Efficiency	~54%
Peak Gain	-0.6~5.3dBi
Impedance	50 Ohm
Polarization	Linear
Horizontal Beamwidth	360°
Vertical Beamwidth	6-93°
T90(H) roundness	±5
Max Power	50W

B. Material & Mechanical

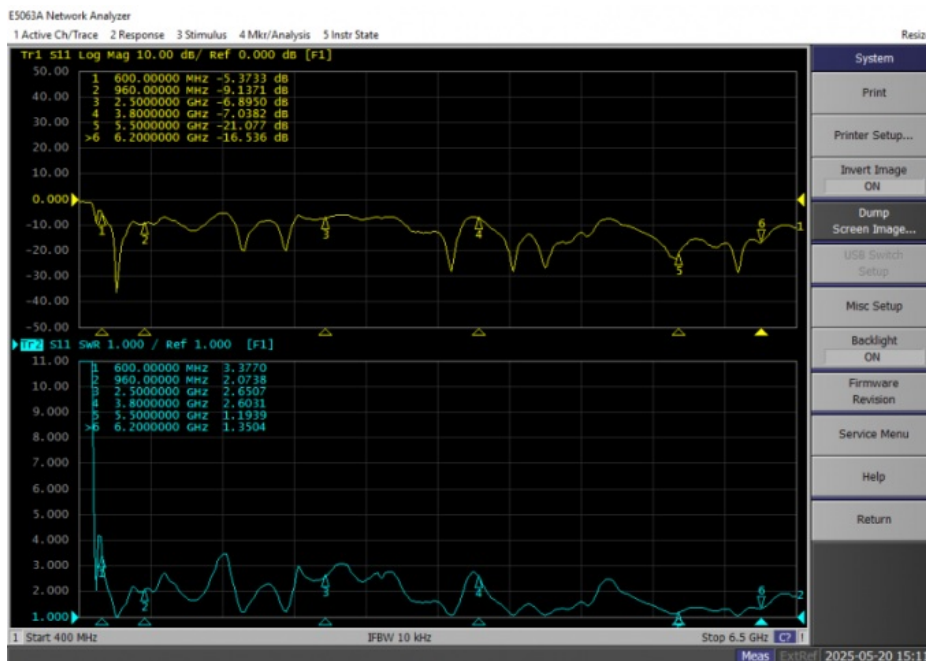
Connector Type	SMA-J
Dimension	Φ16*400±5mm
Weight	0.08Kg
Radome material	FRG (Black)

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



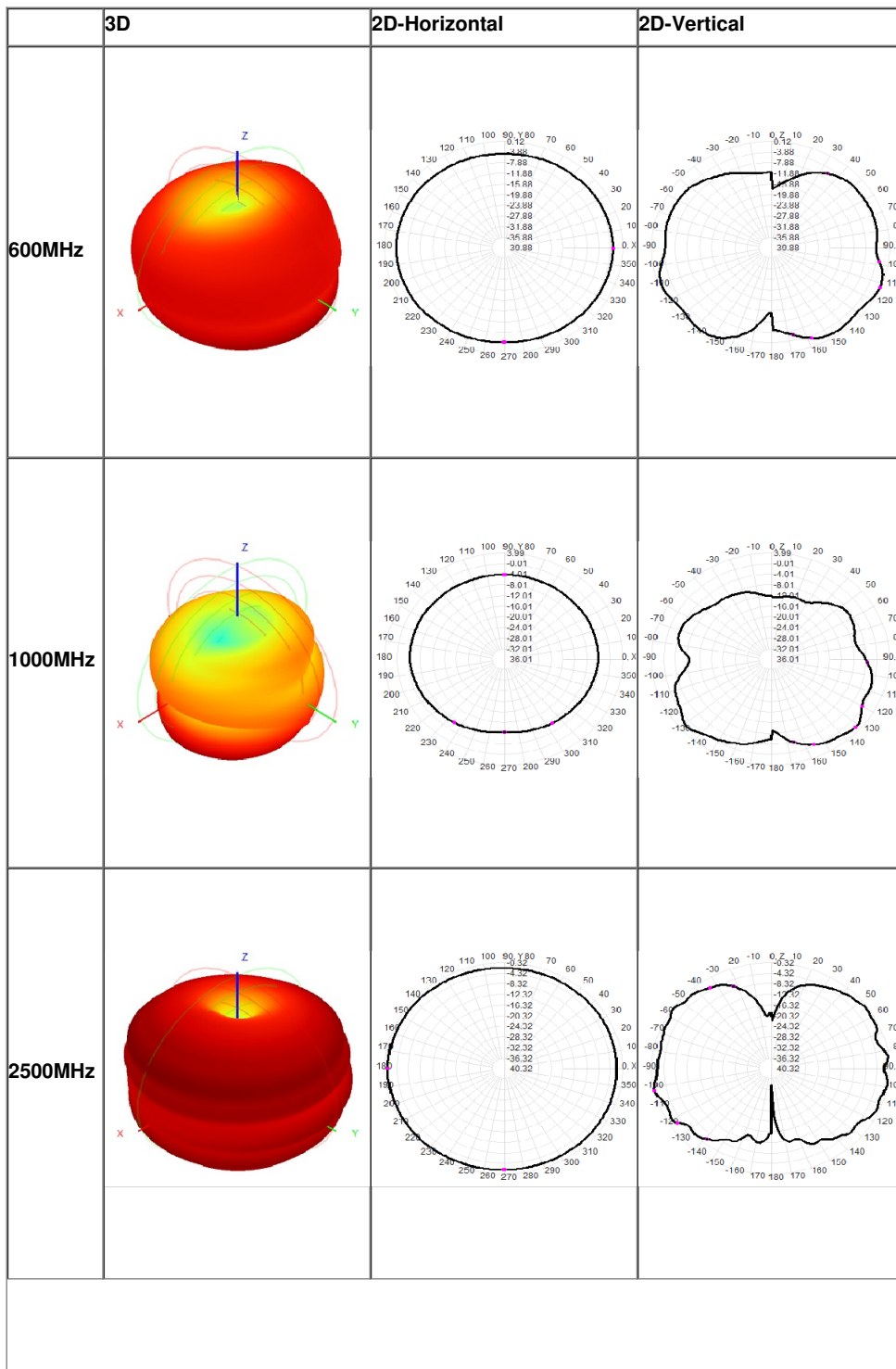
2.2 Total Efficiency & Gain:

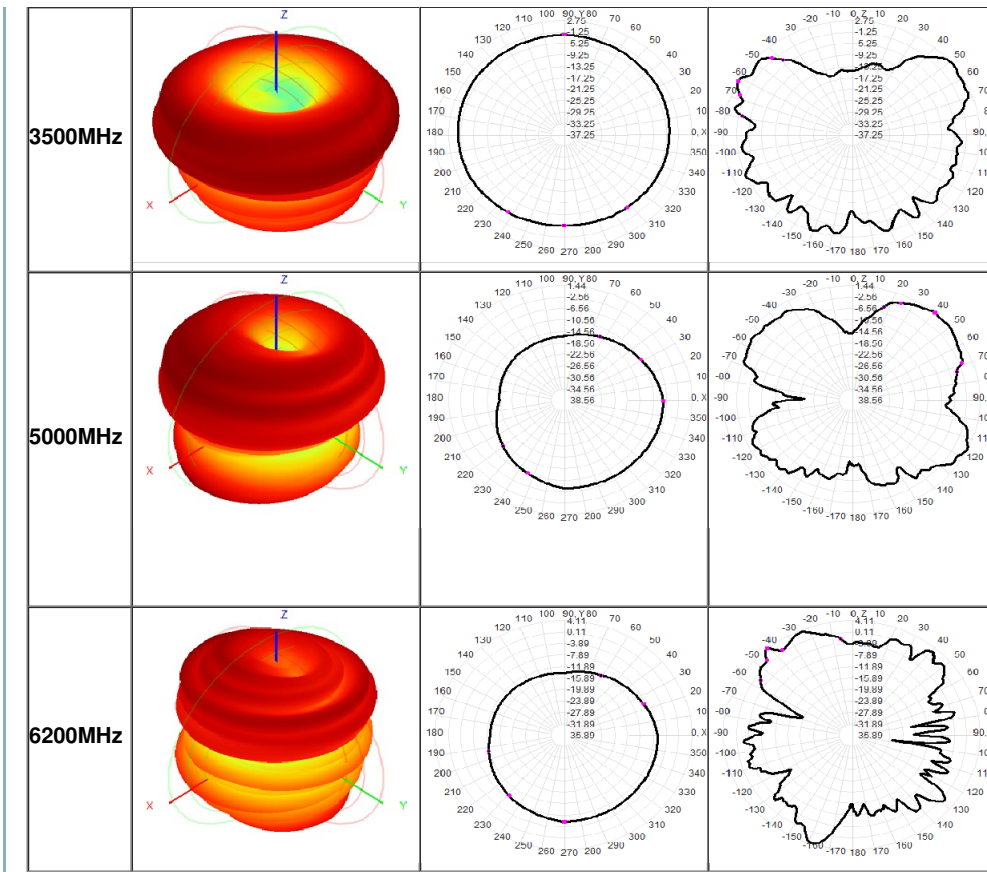
Frequency(MHz)	Gain(dBi)	Efficiency(%)	Frequency(MHz)	Gain(dBi)	Efficiency(%)
600	0.1	45.8	3500	2.8	60.0
700	2.5	49.6	3600	2.4	53.0
800	4.0	64.7	3700	2.6	44.3
900	1.7	49.9	3800	2.0	45.1
1000	4.0	51.0	3900	2.9	54.0
1100	3.8	47.6	4000	3.8	58.2
1200	2.7	49.7	4100	4.5	62.7
1300	2.3	60.9	4200	4.5	55.2
1400	2.0	63.3	4300	4.2	55.1
1500	1.4	59.6	4400	3.8	59.5
1600	0.6	45.7	4500	4.1	58.8
1700	2.2	48.4	4600	5.3	51.1
1800	4.1	64.7	4700	3.3	43.1
1900	3.1	54.6	4800	2.3	41.8

2000	2.1	47.5
2100	1.8	53.2
2200	2.0	55.6
2300	0.9	43.9
2400	-0.4	53.4
2500	-0.3	51.9
2600	-0.6	44.1
2700	0.8	53.9
2800	2.0	52.1
2900	0.6	44.4
3000	1.5	46.6
3100	1.9	52.7
3200	1.8	58.8
3300	3.3	58.5
3400	3.2	56.2

4900	1.2	46.8
5000	1.4	45.9
5100	2.6	58.0
5200	3.9	62.7
5300	4.6	66.2
5400	5.3	73.4
5500	5.1	74.0
5600	4.0	62.2
5700	3.4	56.4
5800	5.1	57.2
5900	4.8	46.7
6000	5.1	52.7
6100	4.4	49.8
6200	4.1	51.5

2.3 Radiation Pattern





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