



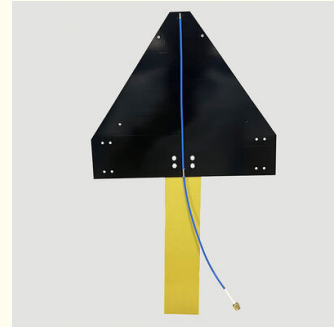
400-6000MHz 7dBi Gain Waterproof Microstrip Directional Antenna for UAV Measurement and Control

Our Product Introduction

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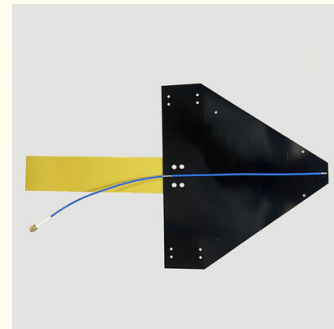
Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-11870-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 500 per day



Product Specification

- Frequency: 400-7000MHz
- VSWR: <2.2
- Peak Gain: 7dBi
- Impedance: 50
- Highlight: 400-6000MHz Directional Antenna, 7dBi Gain Microstrip Antenna, Waterproof UAV Antenna



More Images



Product Description

1. Specification

A. Electrical Characteristics

Frequency	400-6000MHz
S.W.R.	<=3.0
Antenna Gain	7dBi
Polarization	Vertical
Horizontal Beamwidth	80-220°
Vertical Beamwidth	51-95°
Impedance	50Ohm
Max. Power	50W

B. Material & Mechanical Characteristics

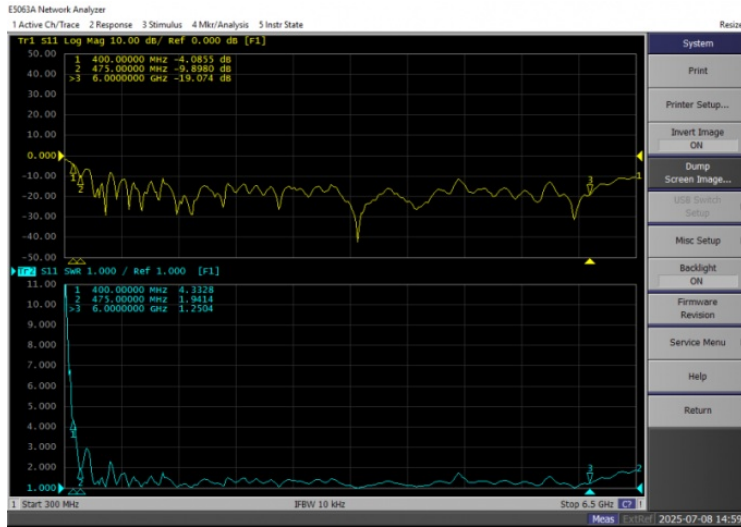
Connector Type	N connector
Cable Type	50-3 Type Cable
Dimension	205*250*1.5mm

Our Product Introduction

Weight	0.17Kg
C. Environmental	
Operation Temperature	- 40 °C ~ + 85 °C
Storage Temperature	- 40 °C ~ + 85 °C
Operation Humidity	95%
Rated Wind Velocity	36.9m/s

2. Antenna - S Parameter Test Data

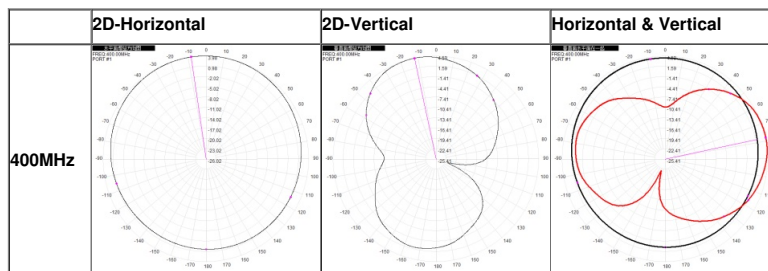
2.1 VSWR

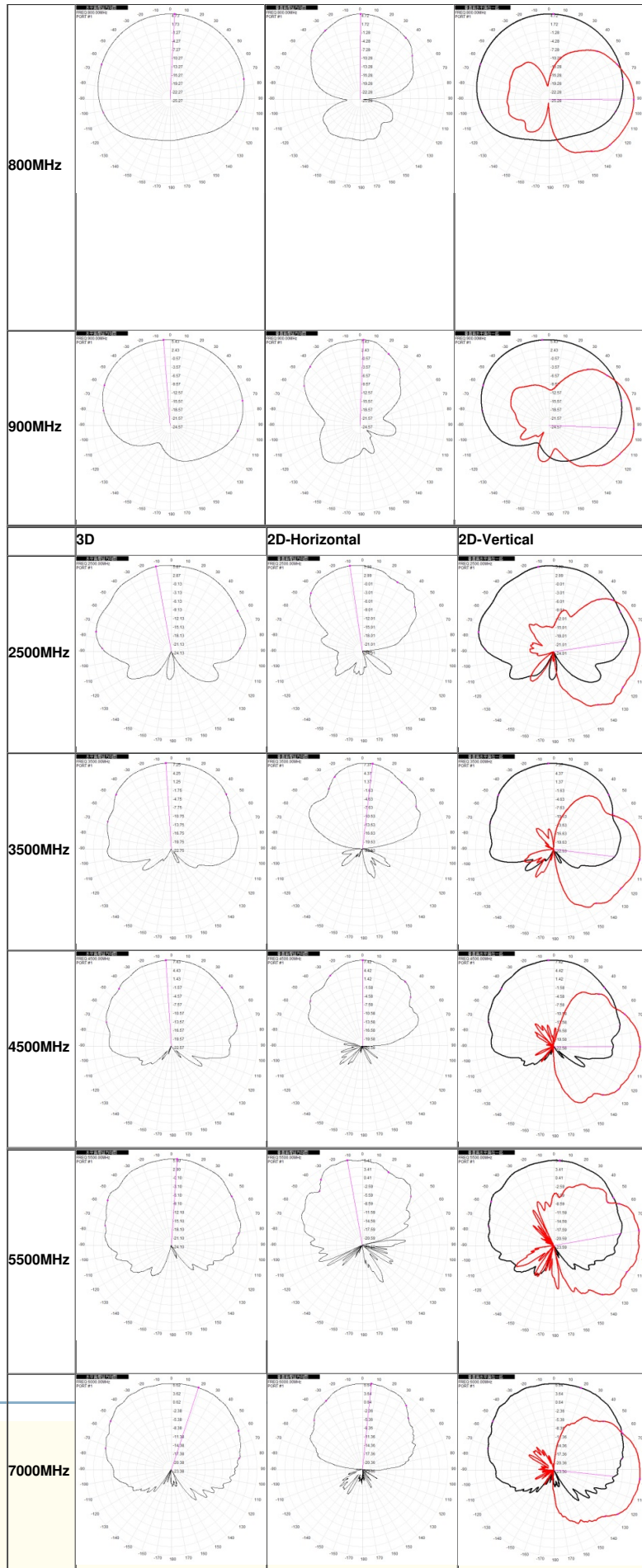


2.2 Total Efficiency & Gain:

Frequency(MHz)	Gain(dBi)	Frequency(MHz)	Gain(dBi)
400	4.6	3300	6.2
500	3.4	3400	6.9
600	4.2	3500	7.4
700	3.2	3600	7.0
800	4.7	3700	6.7
900	5.4	3800	6.5
1000	6.0	3900	6.6
1100	5.8	4000	7.2
1200	5.8	4100	6.4
1300	5.4	4200	7.0
1400	5.3	4300	6.8
1500	6.2	4400	7.1
1600	6.1	4500	7.4
1700	6.6	4600	6.2
1800	6.2	4700	6.6
1900	6.1	4800	6.6
2000	5.6	4900	7.0
2100	5.6	5000	7.1
2200	5.1	5100	7.4
2300	5.1	5200	7.3
2400	6.0	5300	6.7
2500	6.0	5400	6.7
2600	4.8	5500	6.4
2700	5.3	5600	6.1
2800	5.5	5700	7.2
2900	5.5	5800	7.9
3000	6.2	5900	7.3
3100	6.2	6000	6.6
3200	5.6		

2.3 Radiation Pattern





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