



4G5G 600-6000M ultra-wideband outdoor waterproof fiberglass reinforced plastic antenna 16*200mm for SMA-J

Our Product Introduction

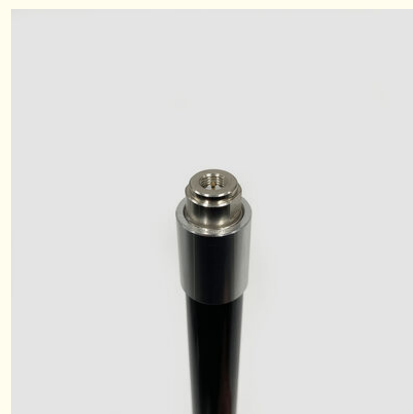
Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-11577-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 500 per day

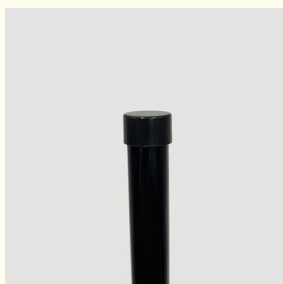
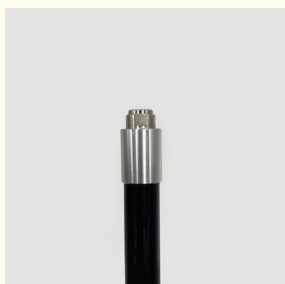


Product Specification

- Frequency: 600-6000MHz
- VSWR: <4.5
- Peak Gain: -0.4~+4.5dBi
- Impedance: 50



More Images



Product Description

1. Specification

A. Electrical Characteristics

Frequency	600-6000MHz
Impedance	50 Ohm
S.W.R.	<4.5
Gain	-0.4~+4.5dBi
Efficiency	≈46%
Horizontal Beamwidth	360°
Vertical Beamwidth	12-82°
Polarization	Linear
Max Power	50W

B. Material & Mechanical Characteristics

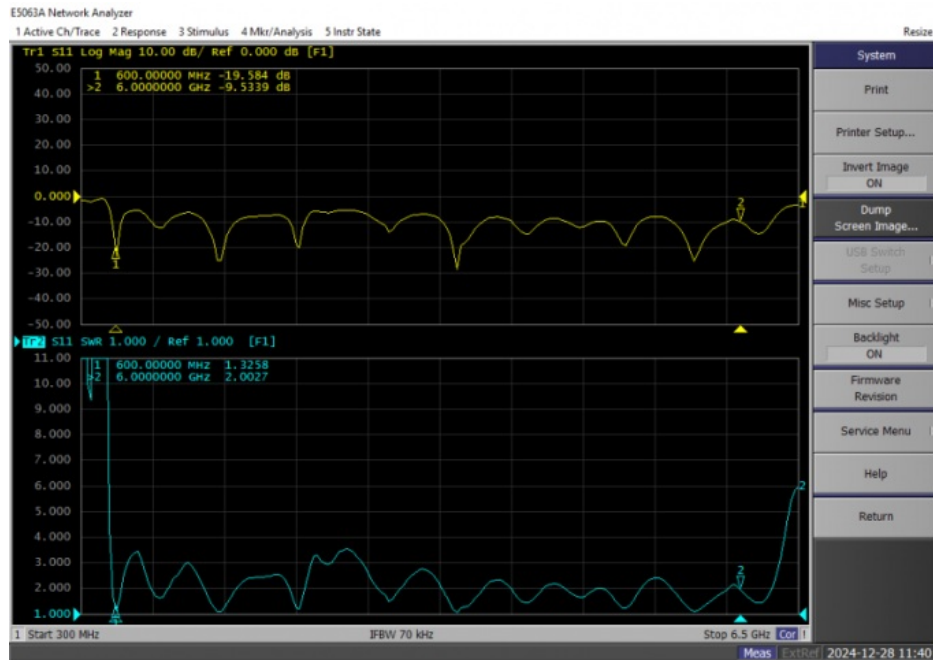
Connector Type	SMA-J
Dimension	Φ16*200mm
Weight	0.04Kg
Radome material	Fiberglass (black)

C. Environmental

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

2. Antenna - S Parameter Test Data

2.1 VSWR

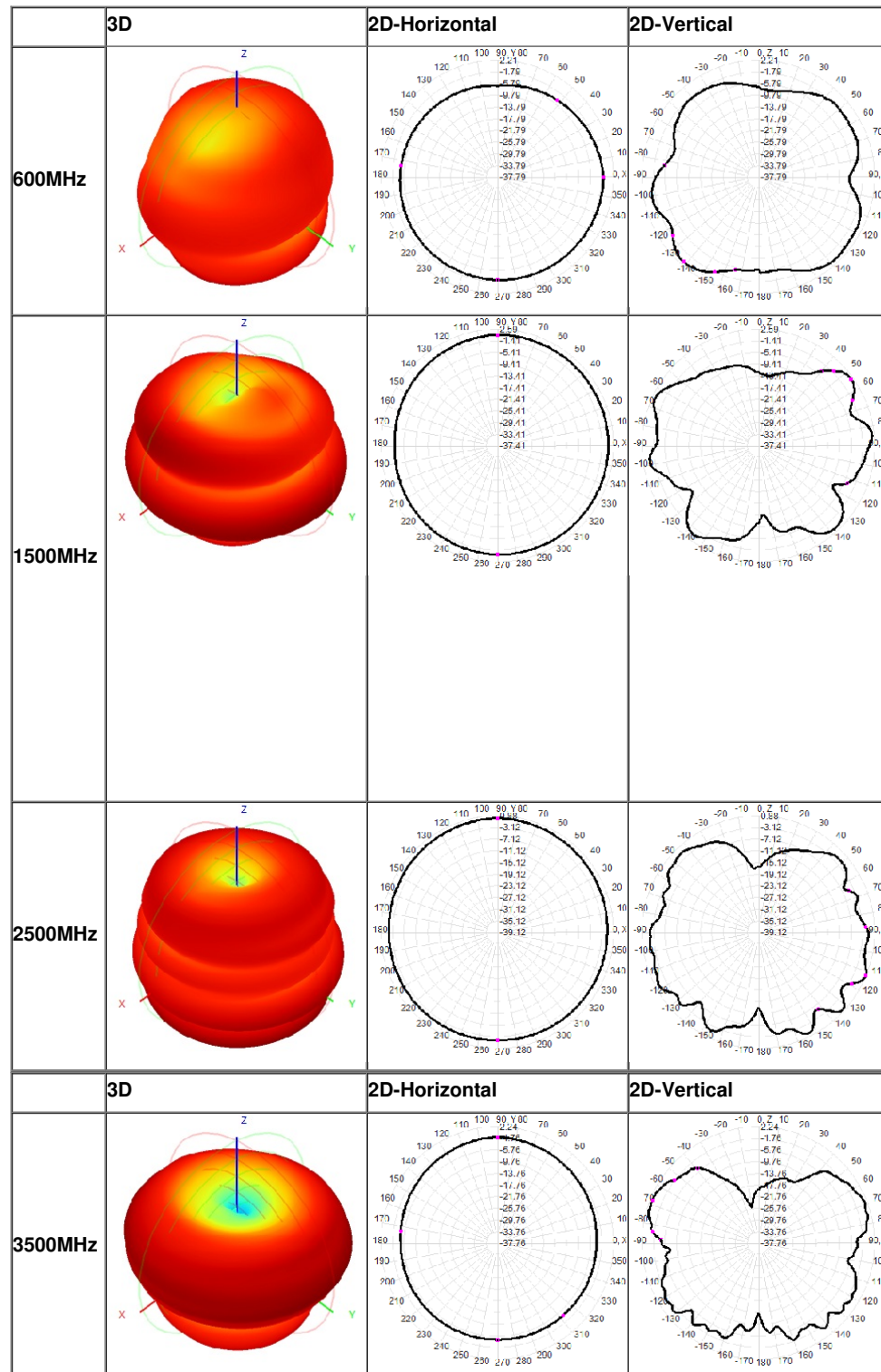


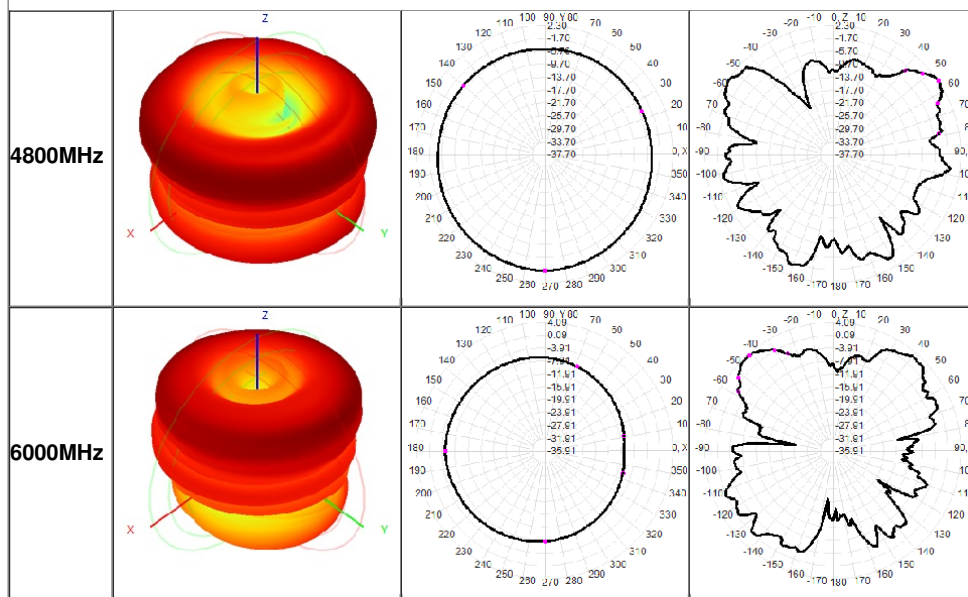
2.2 Total Efficiency & Gain:

Frequency(M Hz)	Gain(dB i)	Efficiency(%)	Frequency(M Hz)	Gain(dB i)	Efficiency(%)
600	2.2	61.1	3400	2.0	57.5
700	1.8	48.5	3500	2.2	63.1
800	1.8	46.0	3600	3.1	63.5
900	1.6	47.2	3700	3.2	65.5
1000	2.8	52.8	3800	3.1	65.9
1100	2.8	53.0	3900	2.1	51.0
1200	1.4	39.0	4000	2.7	56.8
1300	-0.2	35.6	4100	2.8	56.4
1400	1.2	51.7	4200	4.5	58.3
1500	2.6	64.9	4300	4.0	53.2
1600	3.4	67.7	4400	3.6	49.5
1700	2.9	61.9	4500	4.0	57.5
1800	2.2	55.3	4600	3.5	59.4
1900	1.9	53.6	4700	2.0	52.0
2000	1.2	48.3	4800	2.3	45.8

2100	2.1	53.2	4900	3.4	54.6
2200	3.5	53.8	5000	3.6	56.2
2300	3.2	34.3	5100	3.2	56.3
2400	2.1	45.0	5200	2.2	48.1
2500	0.9	51.9	5300	2.0	41.8
2600	-0.3	46.6	5400	2.7	46.9
2700	-0.4	53.7	5500	3.5	50.5
2800	0.0	56.0	5600	3.4	51.3
2900	1.2	58.7	5700	3.2	52.9
3000	0.9	61.2	5800	3.2	54.5
3100	1.2	60.2	5900	3.7	56.2
3200	0.9	55.6	6000	4.1	58.8
3300	1.2	55.1			

2.3 Radiation Pattern





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