



## N Male 3G 4G 5G Full Band 617-6000M Omnidirectional Antenna Outdoor Base Station Gateway Router External

Our Product Introduction

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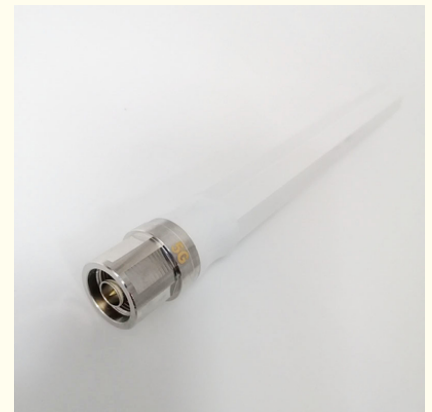
### Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10455-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day



### Product Specification

- Frequency: 617-960/1710-6000MHz
- VSWR: <4.0
- Peak Gain: 5dBi
- Impedance: 50
- Highlight: 617-6000M omnidirectional Antenna, omnidirectional Antenna outdoor, 617-6000M outdoor Antenna



### More Images



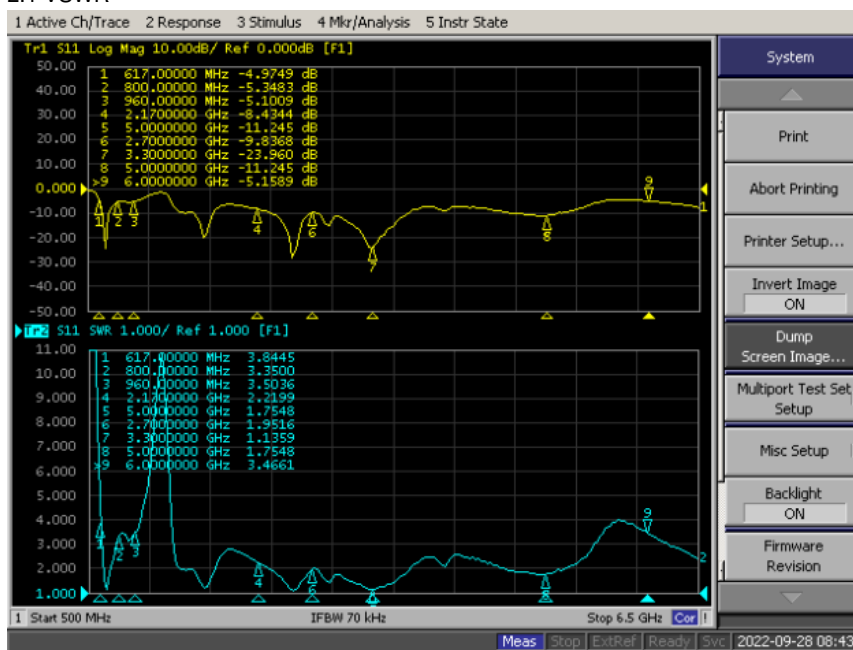
## Product Description

### 1. Specification

A. Electrical Characteristics	
Frequency	617-960/1710-6000M
Impedance	50 Ohm
S.W.R.	<2
Gain	5dBi
Efficiency	≈70%
Horizontal Beamwidth	360°
Vertical Beamwidth	48-61°
Polarization	Linear
Max Power	50W
B. Material & Mechanical Characteristics	
Connector Type	N Male
Dimension	Φ24*240mm
Weight	0.1Kg
Radome material	Fiberglass
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:



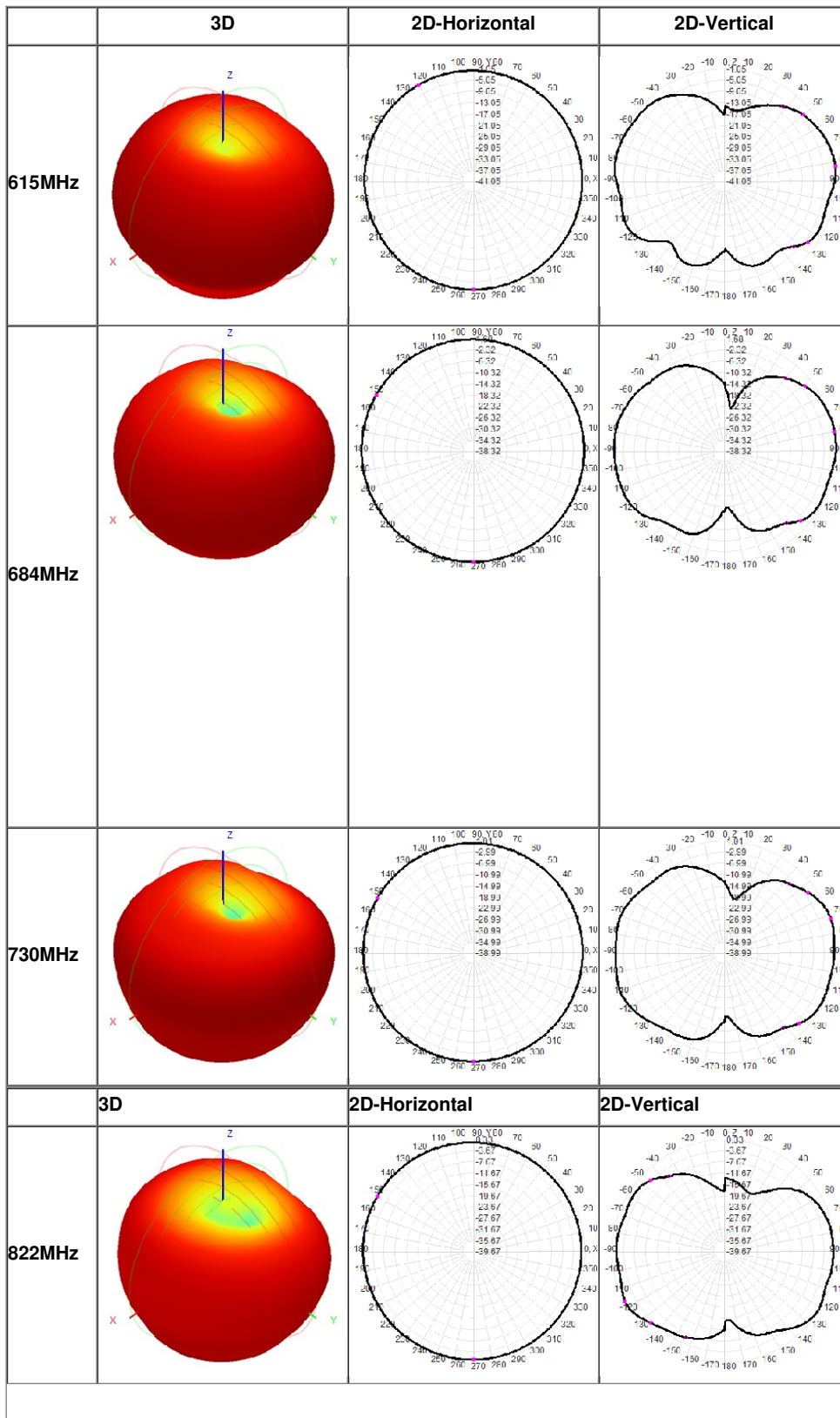
Frequency (MHz)	615	638	661	684	707	730	753	776	799	822	845	868	891	914	937	960
Gain (dBi)	1.05	1.24	2.39	1.82	2.11	1.10	0.73	0.35	0.02	0.48	0.18	0.42	1.22	2.06	3.16	3.49
Efficiency (%)	41.1	68.0	95.3	84.3	93.2	73.2	70.0	60.8	50.8	56.5	49.8	49.5	52.2	53.0	58.2	54.7
	1	1	3	3	3	3	7	0	4	8	8	2	6	2	6	9

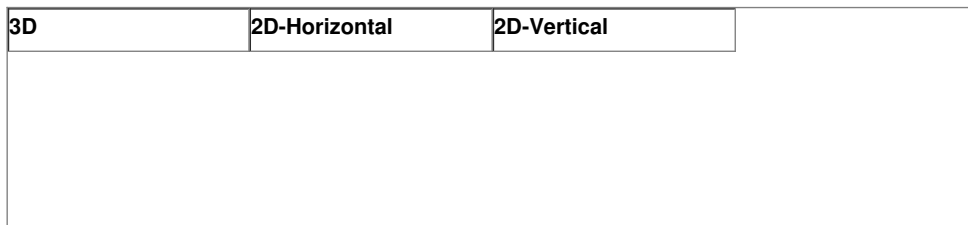
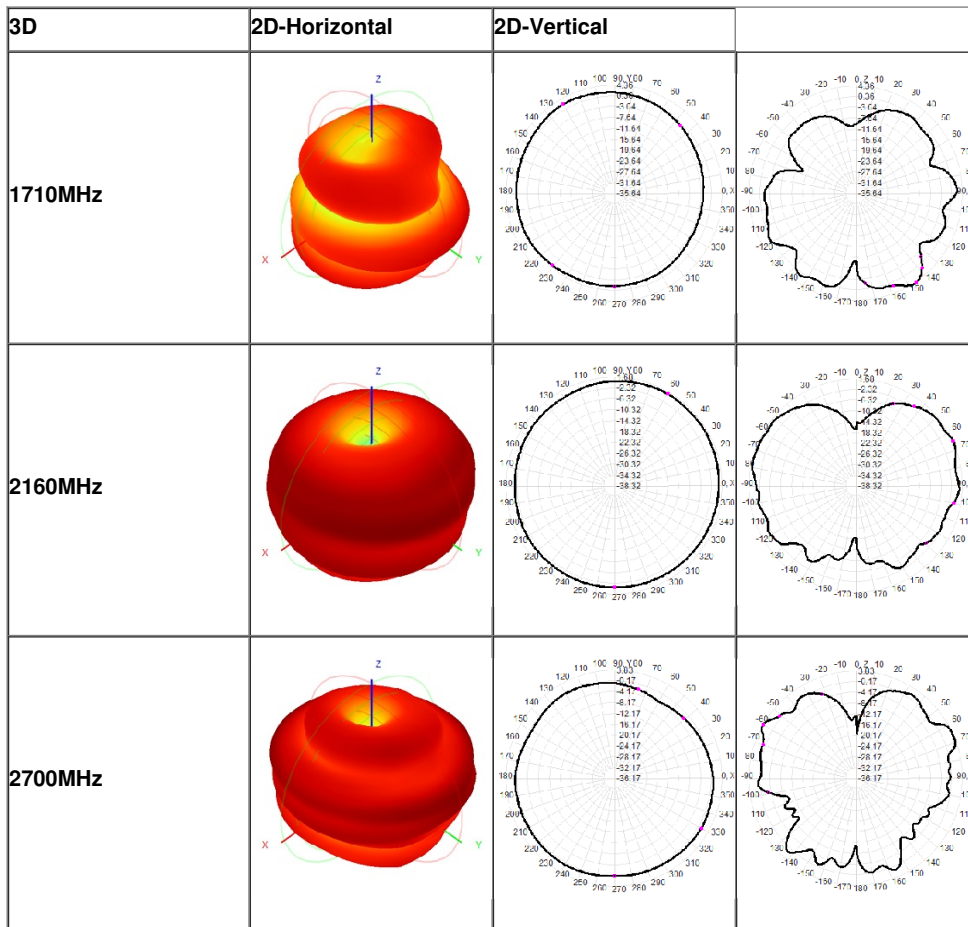
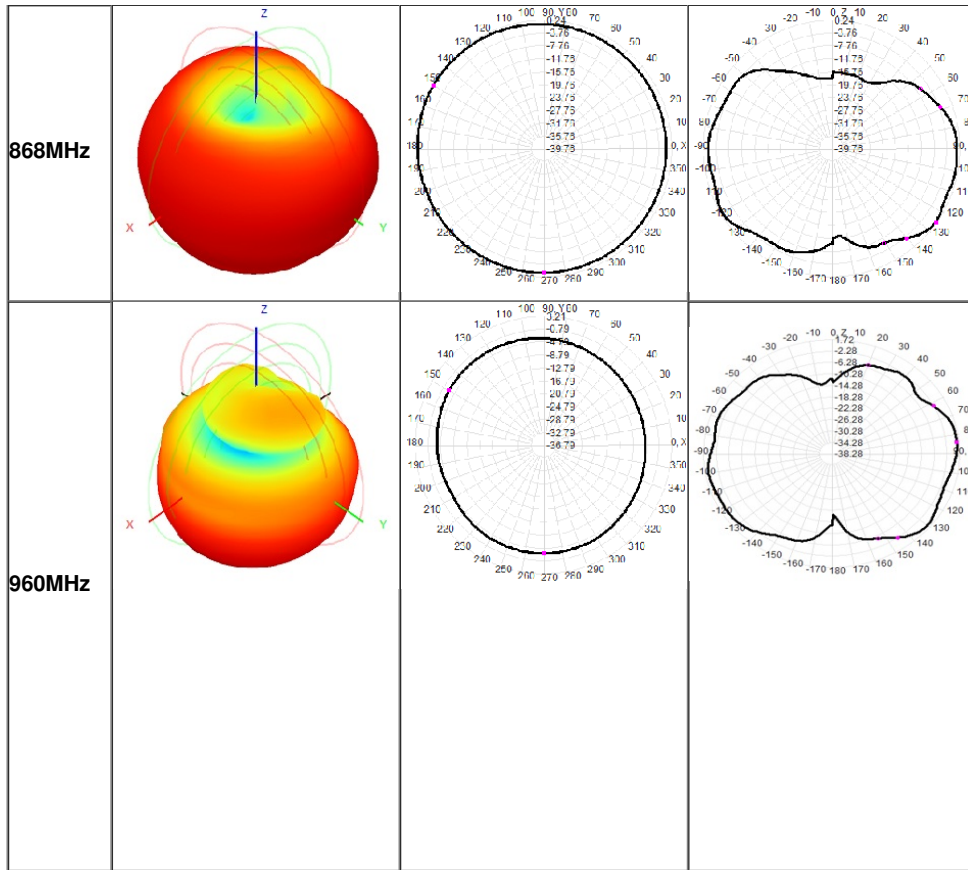
Frequency (MHz)	1710	1800	1890	1980	2070	2160	2250	2340	2430	2520	2610	2700
Gain (dBi)	4.59	1.96	0.72	0.87	1.04	1.97	2.32	2.64	2.99	3.67	4.33	3.83
Efficiency (%)	73.27	66.27	58.41	60.53	62.74	70.61	77.78	77.61	80.34	81.31	83.53	74.49

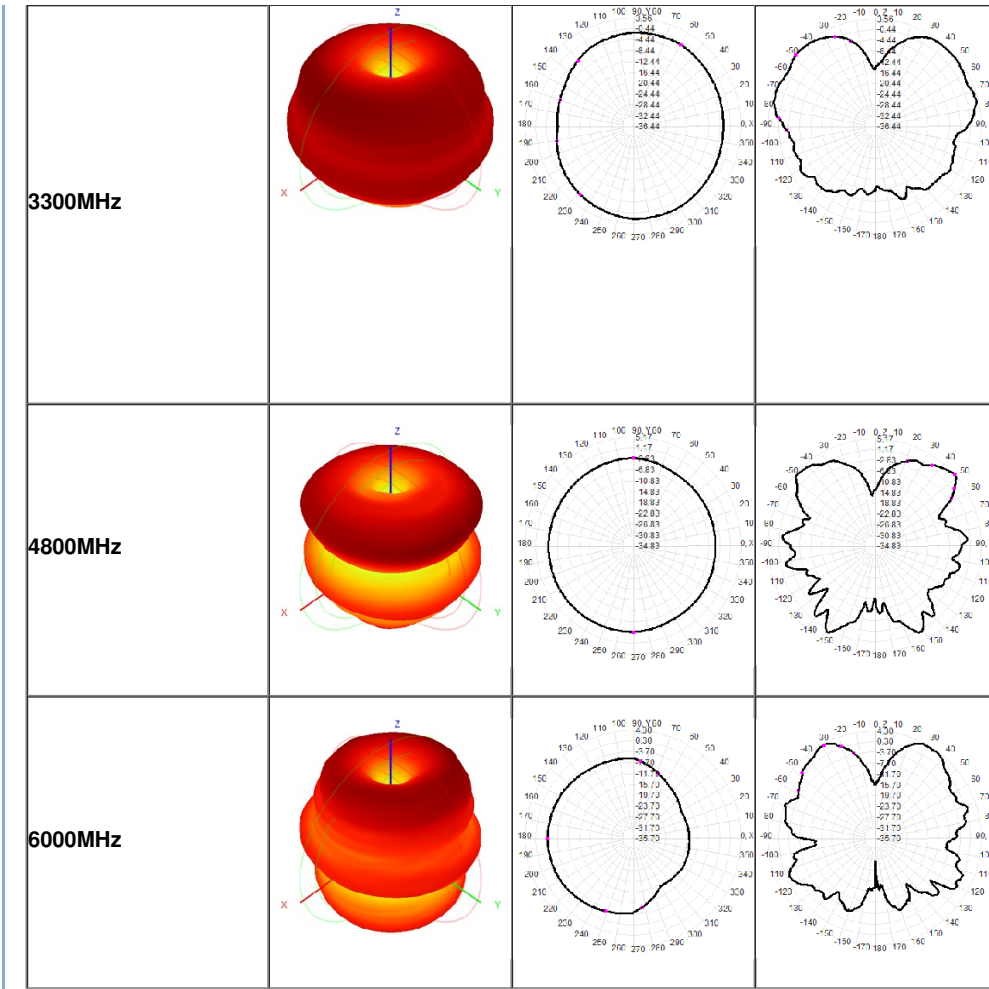
Frequency (MHz)	300	310	320	330	340	350	360	370	380	390	400	410	420	430	440	450
Gain (dBi)	1.36	1.76	2.32	3.56	4.60	4.94	4.97	4.69	4.36	4.21	4.07	4.76	4.22	5.05	5.42	5.36
Efficiency (%)	71.2	76.7	77.2	79.8	79.2	80.3	75.4	70.9	69.1	67.8	69.0	64.5	64.7	66.0	66.2	68.4
	6	2	4	4	5	8	0	4	2	5	0	5	8	7	0	3

Frequency (MHz)	460	470	480	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	6000
Gain (dBi)	5.12	5.27	5.17	4.81	4.22	4.18	4.33	4.67	4.05	3.85	3.41	2.89	3.68	4.00	4.51
Efficiency (%)	66.5	69.4	67.5	75.0	70.8	67.0	63.7	69.9	61.1	58.6	54.7	49.7	52.6	55.1	58.4
	6	0	2	9	6	1	0	8	4	2	5	2	9	3	9

### 2.3 Radiation Pattern







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