



7700-8300MHz 17dBi UAV Directional Antenna with 50W Max Power and N-K Connector

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-11030-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 500 per day



Product Specification

- Frequency: 7700-8300MHz
- VSWR: <2.0
- Peak Gain: 17dBi
- Impedance: 50
- Highlight: 7700-8300MHz UAV Antenna,
17dBi Directional Antenna,
50W Max Power Outdoor Waterproof Antenna



More Images



Product Description

1. Specification

A. Electrical Characteristics

Frequency	7700-8300MHz
S.W.R.	≤ 2.0
Antenna Gain	17dBi
Polarization	V
Horizontal Beamwidth	$18 \pm 2^\circ$
Vertical Beamwidth	$18 \pm 2^\circ$
F/B	20db
Impedance	50Ohm
Max. Power	50W

B. Material & Mechanical Characteristics

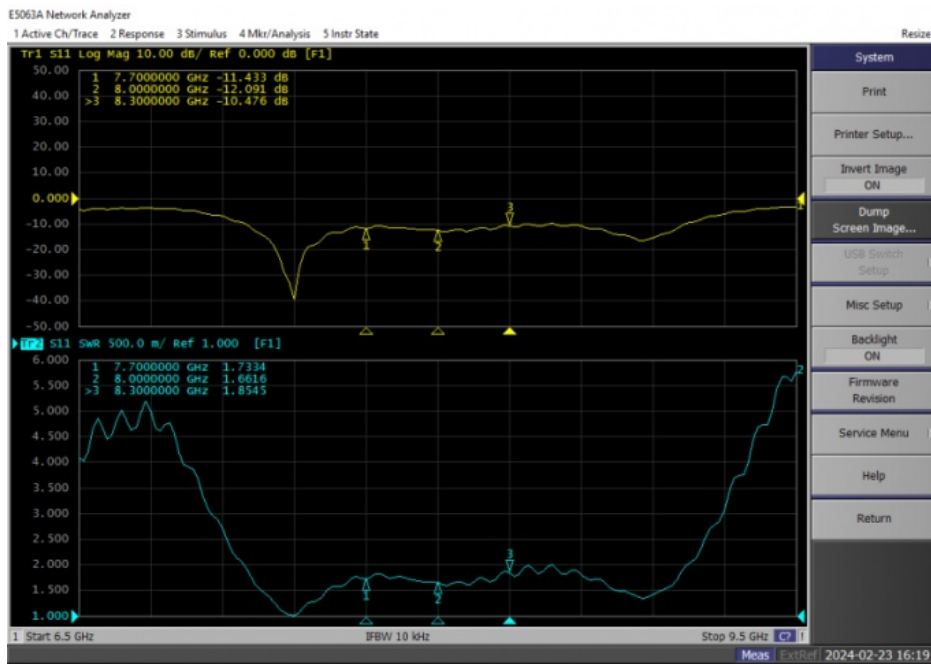
Connector Type	N -K
Dimension	130*130*23mm
Radome material	ABS
Mount Pole	$\varnothing 30$ - $\varnothing 50$
Weight	0.33Kg

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

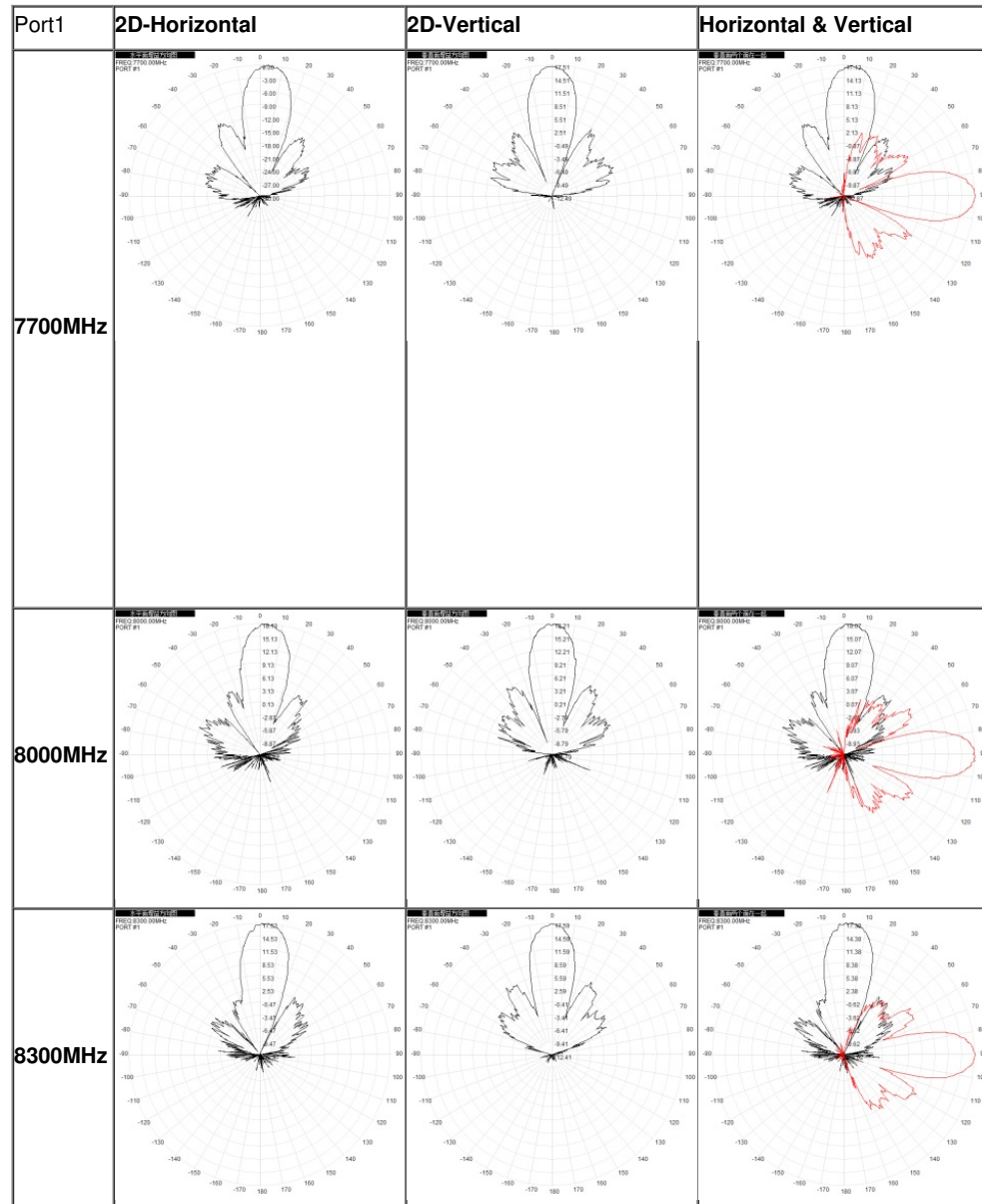


2.2 Total Efficiency & Gain:

Frequency(MHz)	Gain(dBi)
7700	17.1
7750	17.2
7800	17.6
7850	17.7
7900	16.9
7950	18.2
8000	18.1
8050	18.4
8100	17.6
8150	18.3
8200	17.6

8250	17.6
8300	17.5

2.3 Radiation Pattern



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