



7700-8300MHz 19dBi 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-11031-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: 19dBi
- Impedance: 50
- Highlight: 7700-8300MHz directional antenna, 19dBi UAV antenna with N-K connector, 50W waterproof outdoor directional antenna



More Images



Product Description

1. Specification

A. Electrical Characteristics

Frequency	7700-8300MHz
S.W.R.	<= 2.0
Antenna Gain	19dBi
Polarization	V
Horizontal Beamwidth	14±2°
Vertical Beamwidth	14±2°
F/B	20db
Impedance	50Ohm
Max. Power	50W

B. Material & Mechanical Characteristics

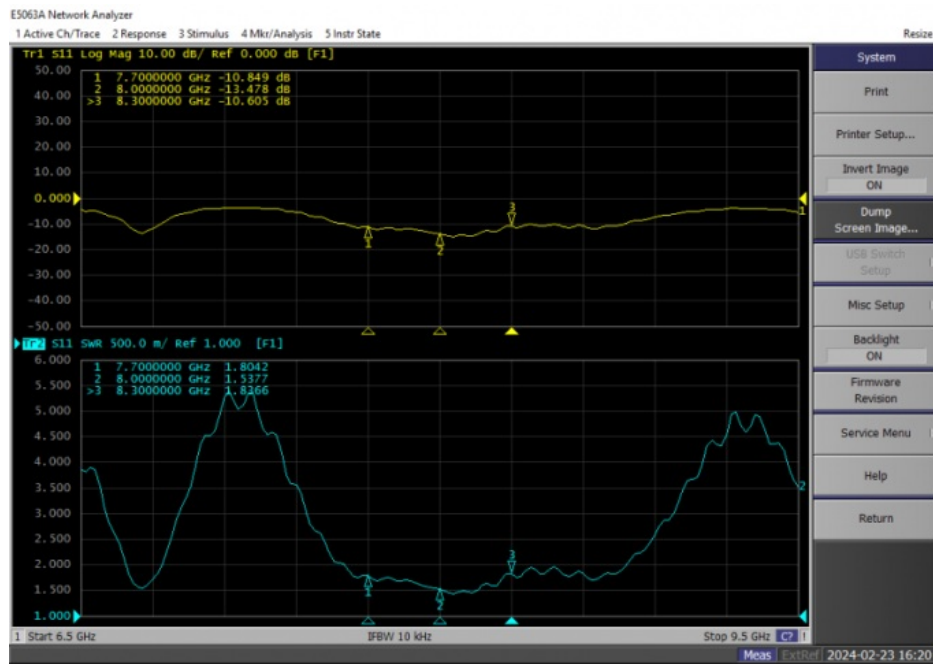
Connector Type	N -K
Dimension	160*160*23mm
Radome material	ABS
Mount Pole	Ø30-Ø50
Weight	0.4Kg

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

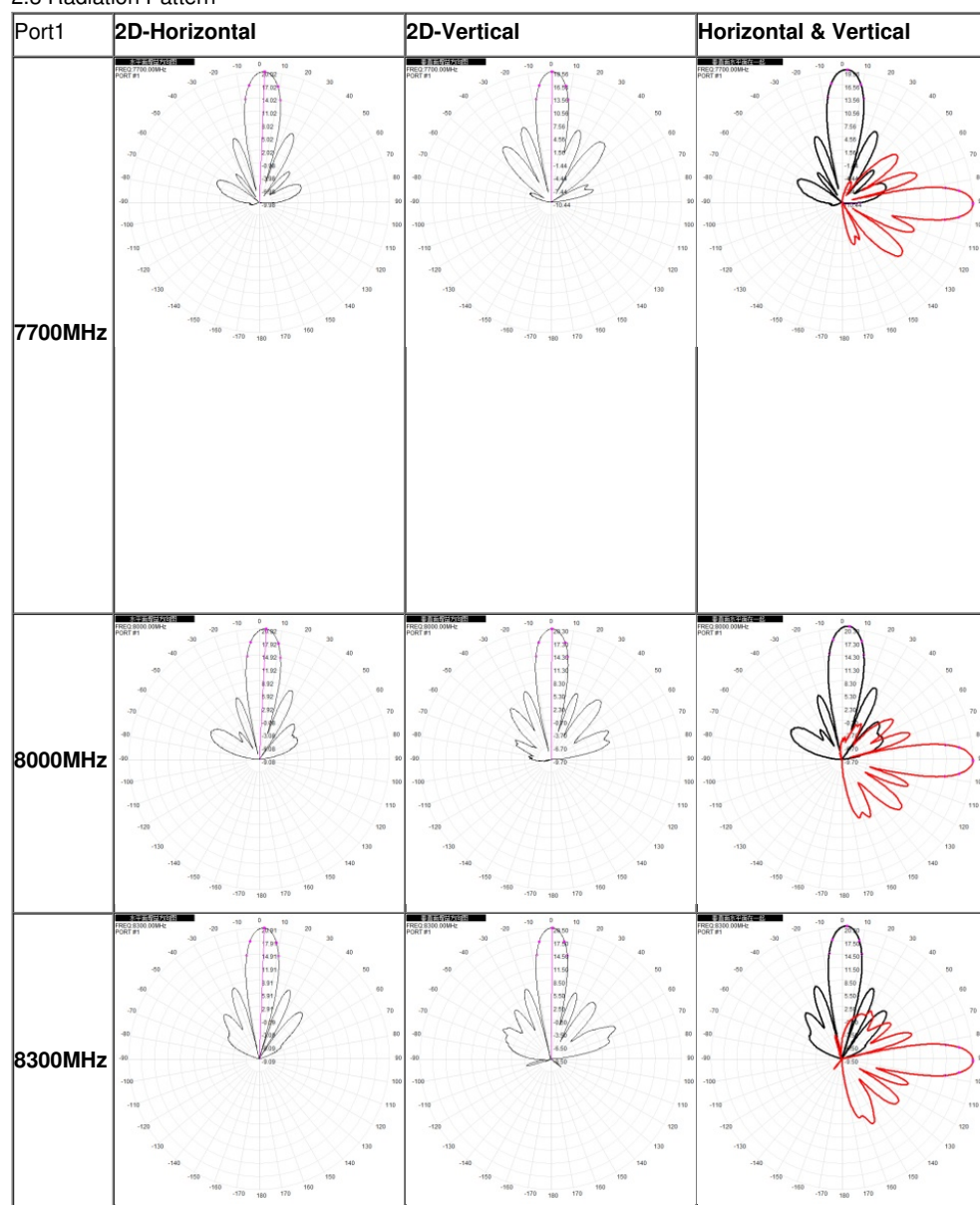


2.2 Total Efficiency & Gain:

Frequency(MHz)	Gain(dBi)
7700	19.1
7750	18.8
7800	18.5
7850	19.4
7900	19.0
7950	19.7
8000	19.9
8050	19.9
8100	19.2
8150	20.2
8200	20.0

8250	19.7
8300	20.0

2.3 Radiation Pattern



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