



7700-8300MHz 16dBi UAV Directional Antenna with N-K Connector ABS Radome and Wide Temperature Range

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10954-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: 16dBi
- Impedance: 50
- Highlight: N-K Connector UAV Directional Antenna, ABS Radome Directional Antenna, Wide Temperature Range UAV Antenna



More Images



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Product Description

1. Specification

A. Electrical Characteristics

Frequency	7700-8300MHz
S.W.R.	≤ 2.0
Antenna Gain	16dBi
Polarization	V
Horizontal Beamwidth	$23 \pm 3^\circ$
Vertical Beamwidth	$14 \pm 2^\circ$
F/B	20db
Impedance	50Ohm
Max. Power	50W

B. Material & Mechanical Characteristics

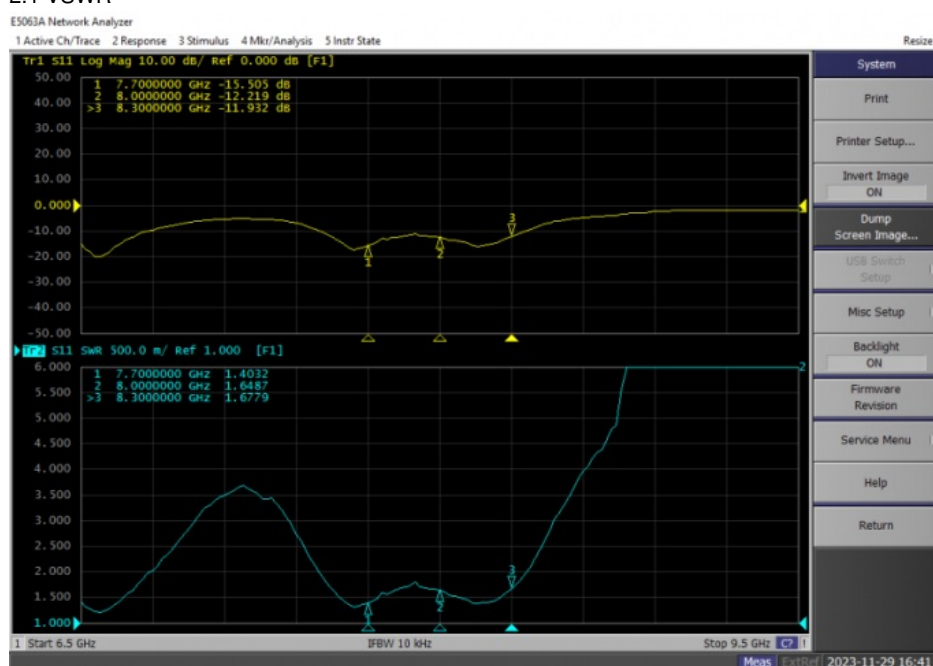
Connector Type	N -K
Dimension	160*160*47mm
Radome material	ABS
Mount Pole	$\varnothing 30$ - $\varnothing 50$
Weight	0.7Kg

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

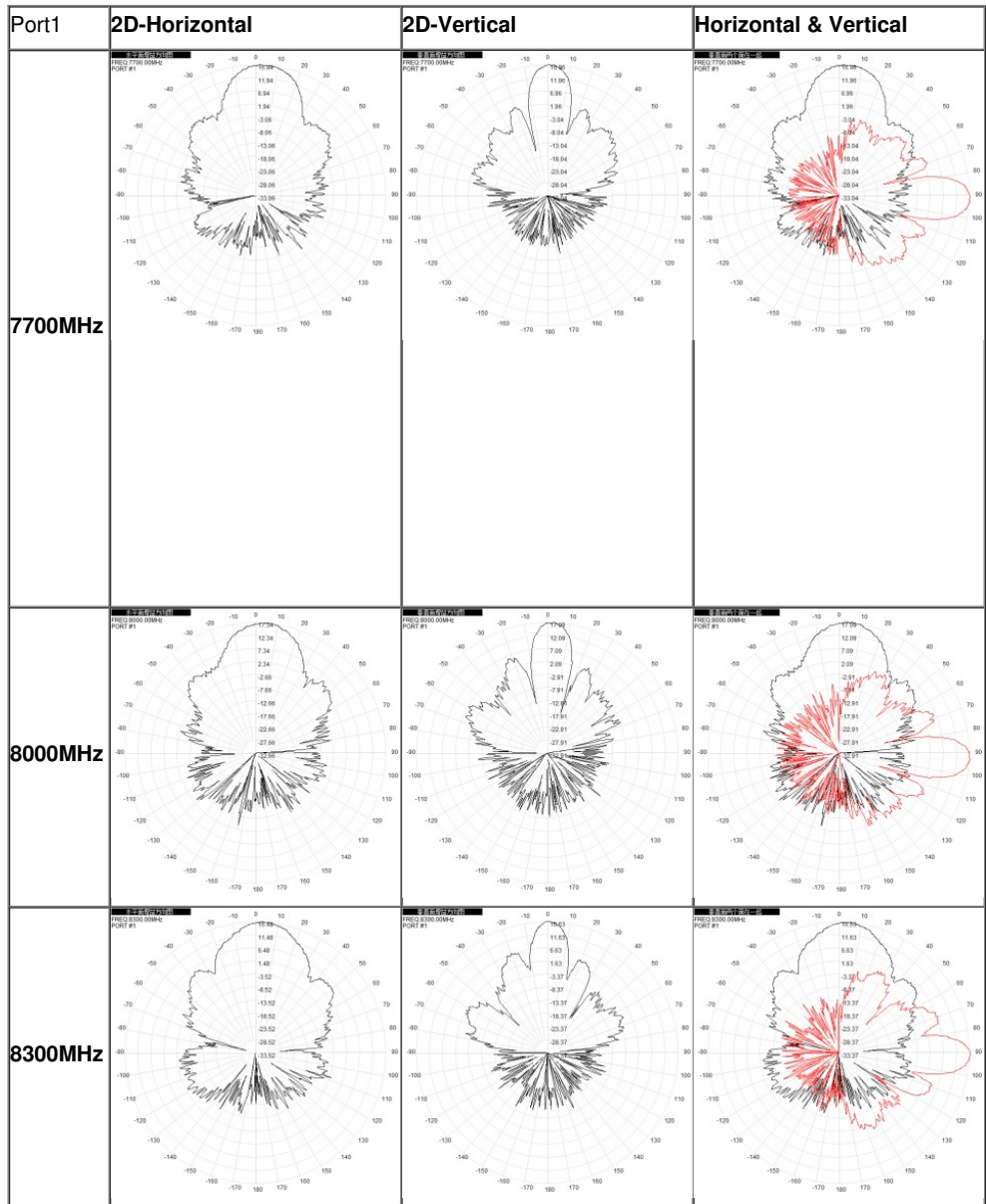


2.2 Total Efficiency & Gain:

Frequency(MHz)	Gain(dBi)
7700	17.0
7750	16.9
7800	16.5
7850	17.3
7900	16.5
7950	17.1
8000	17.3
8050	17.3
8100	16.5
8150	17.5
8200	17.6

8250	16.9
8300	16.6

2.3 Radiation Pattern



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