



1.4G1400-1500M1427.9-1467.9M 11dbi single-polarization UAV directional antenna

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: KWT144510-PNF
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day



Product Specification

- Frequency: 1400-1500MHz
- VSWR: <2.0
- Peak Gain: 11dBi
- Impedance: 50
- Highlight: 11dbi UAV directional antenna ,
1400-1500M UAV directional antenna ,
1427.9-1467.9M UAV directional antenna



More Images



Product Description

1. Specification

A. Electrical Characteristics

Frequency	1400-1500MHz
S.W.R.	<= 2.0
Antenna Gain	14dBi
Polarization	V
Horizontal Beamwidth	55±5°
Vertical Beamwidth	50±5°
F/B	>20dB
Impedance	50Ohm
Max. Power	50W

B. Material & Mechanical Characteristics

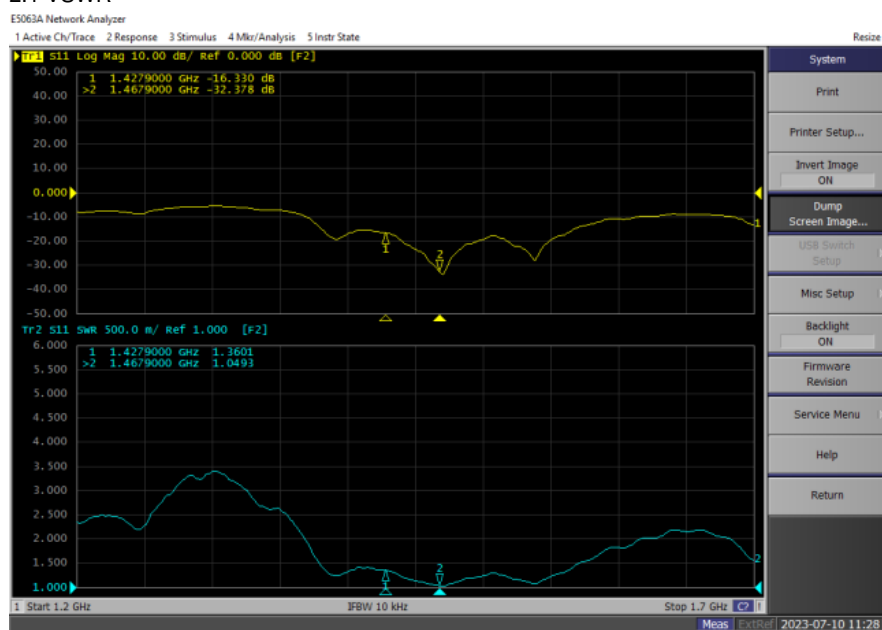
Connector Type	N Female connector
Dimension	220*220*25mm
Radome material	ABS
Weight	0.8Kg

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

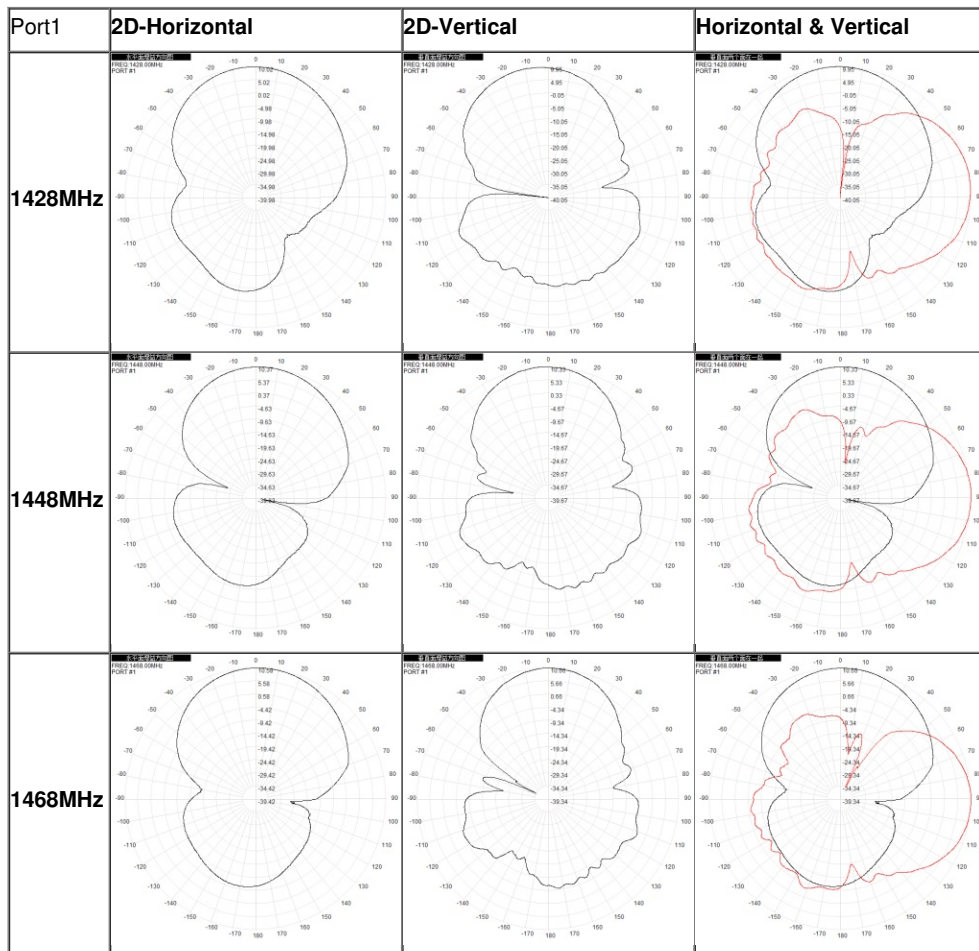
2.1 VSWR



2.2 Total Efficiency & Gain:

Frequency(MHz)	Gain(dBi)
1428	10.9
1430	11.0
1432	11.1
1434	11.2
1436	11.2
1438	11.2
1440	11.3
1442	11.3
1444	11.3
1446	11.3
1448	11.2
1450	11.2
1452	11.2
1454	11.2
1456	11.2
1458	11.2
1460	11.2
1462	11.2
1464	11.3
1466	11.3
1468	11.3

2.3 Radiation Pattern



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