



470-510M 3dbi Omnidirectional Fiberglass Reinforced Plastic Antenna 18.5x400mm

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-11741-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 500 per day



Product Specification

- Frequency: 470-510MHz
- VSWR: <2.0
- Peak Gain: 8dBi
- Impedance: 50
- Highlight: 470-510M fiberglass reinforced plastic antenna,
18.5x400mm fiberglass reinforced plastic
antenna
, 3dbi fiberglass reinforced plastic antenna



More Images



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Product Description

1. Specification

A. Electrical Characteristics

Frequency	470-510MHz
VSWR	< 2.0
Efficiency	≈86%
Peak Gain	3dBi
Impedance	50 Ohm
Polarization	Linear
Horizontal Beamwidth	360°
Vertical Beamwidth	60±10°
T90(H) roundness	±2
Max Power	50W

B. Material & Mechanical

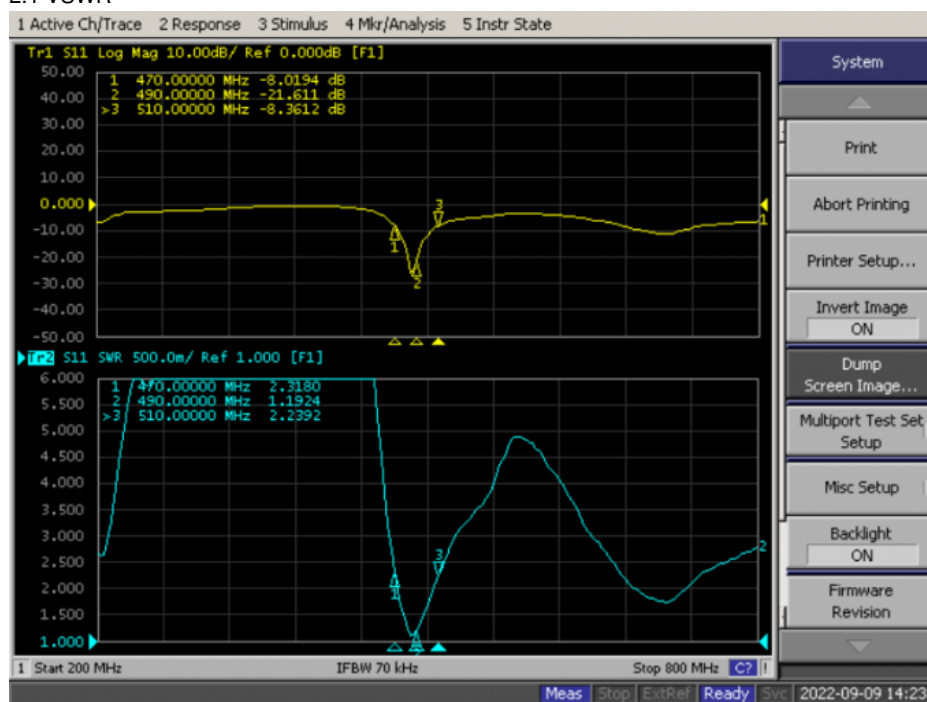
Connector Type	N-JW
Dimension	Φ18.5*400±5mm
Weight	0.19Kg
Radome material	Fiberglass (grey)

C. Environmental

Operation Temperature	- 45°C ~ +85 °C
Storage Temperature	- 45°C ~ +85 °C
Rated Wind Velocity	36.9m/s
Lighting Protection	Dc grounding

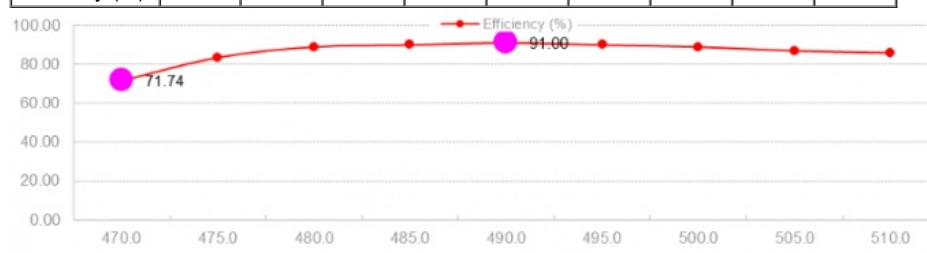
2. Antenna - S Parameter Test Data

2.1 VSWR

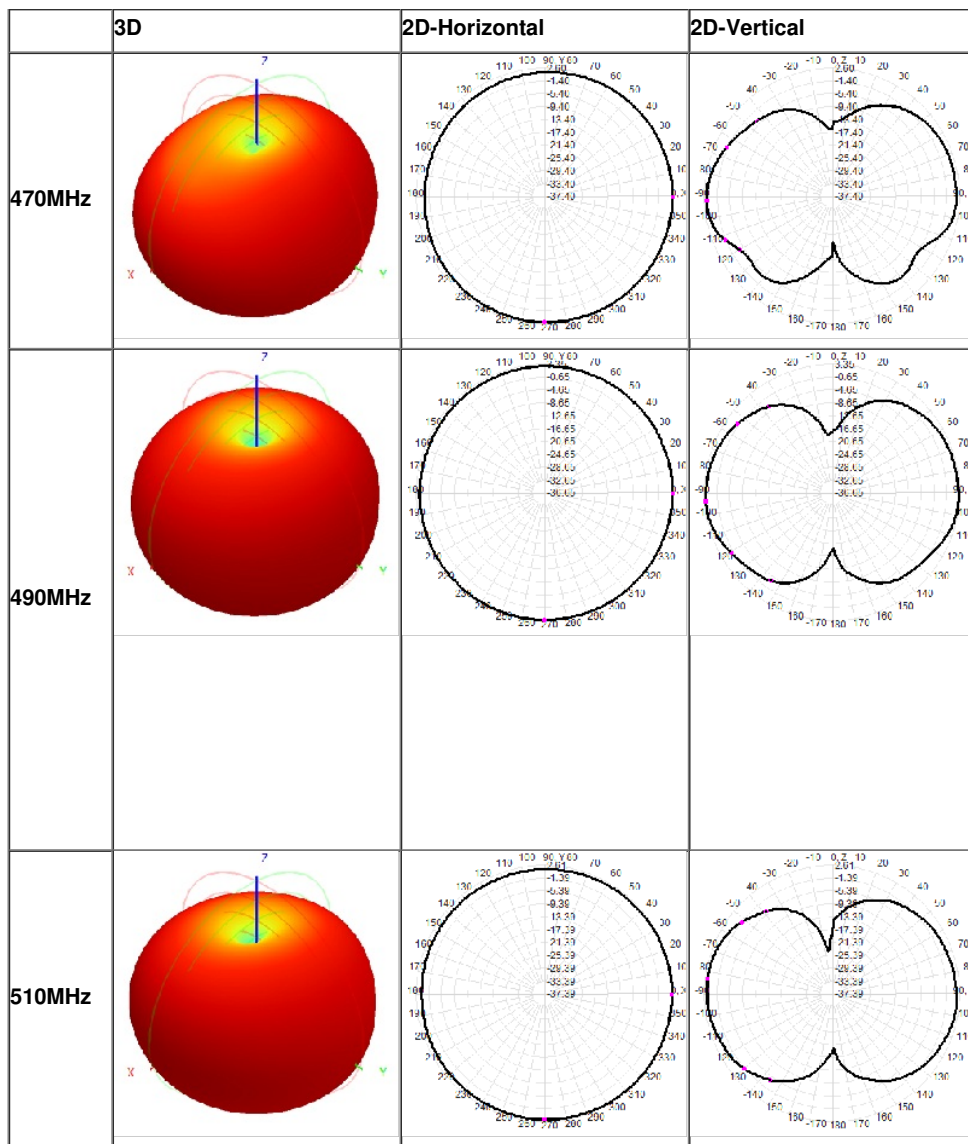


2.2 Total Efficiency & Gain:

Frequency(MHz)	470.0	475.0	480.0	485.0	490.0	495.0	500.0	505.0	510.0
Gain (dBi)	2.60	2.93	3.18	3.45	3.35	3.16	2.93	2.76	2.61
Efficiency (%)	71.74	83.59	89.00	90.00	91.00	90.00	89.00	87.00	86.00



2.3 Radiation Pattern



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