



16x100mm 433MHz VSWR 2.0 Fiberglass Antenna For Long Distance Communication

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10312-B
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 500 per day



Product Specification

- Frequency: 433MHz
- VSWR: <2.0
- Peak Gain: -0.5dBi
- Impedance: 50
- Highlight: Long Distance Communication Fiberglass Antenna
, 16x100mm Fiberglass Antenna,
433MHz Fiberglass Antenna



More Images



Product Description

1. Specification

A. Electrical Characteristics

Frequency	433MHz
VSWR	< 2.0
Efficiency	≈50%
Peak Gain	-0.5dBi
Impedance	50 Ohm
Polarization	Linear
Horizontal Beamwidth	360°
Vertical Beamwidth	70±10°
T90(H) roundness	±2
Max Power	50W

B. Material & Mechanical

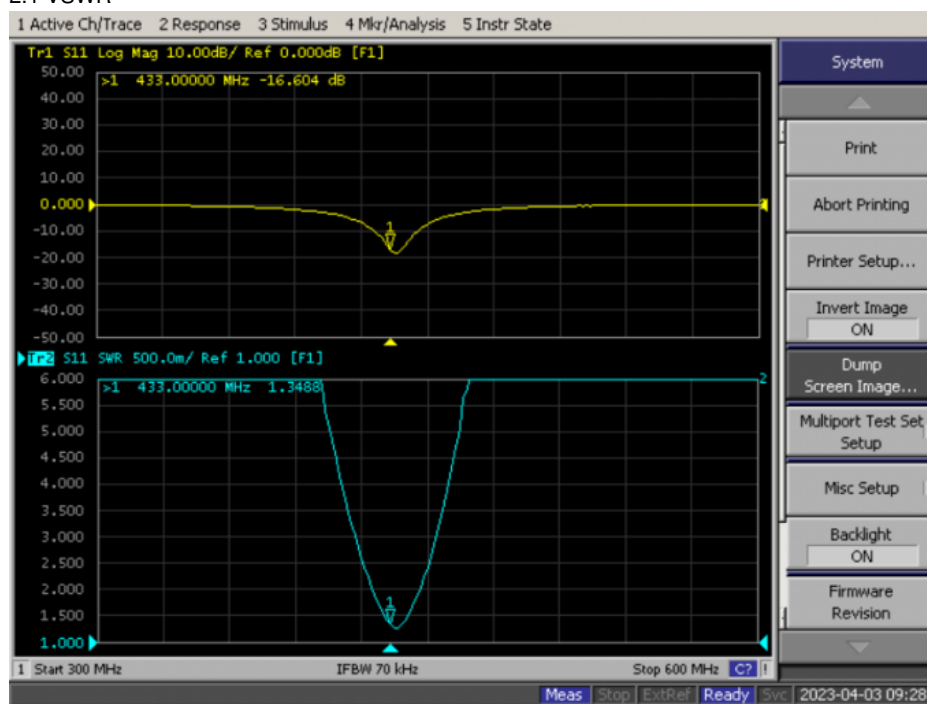
Connector Type	N-J
Dimension	Φ16*100±5mm
Weight	0.06Kg
Radome material	Fiberglass (grey)

C. Environmental

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

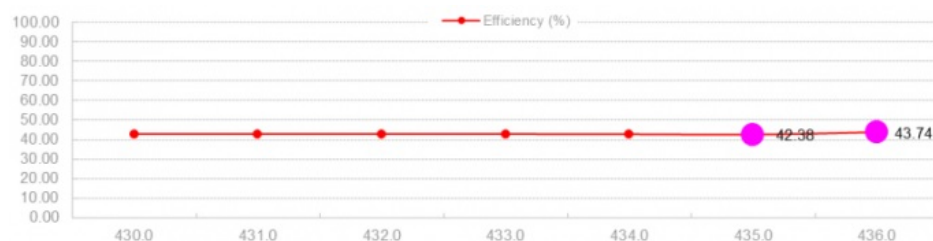
2. Antenna - S Parameter Test Data

2.1 VSWR

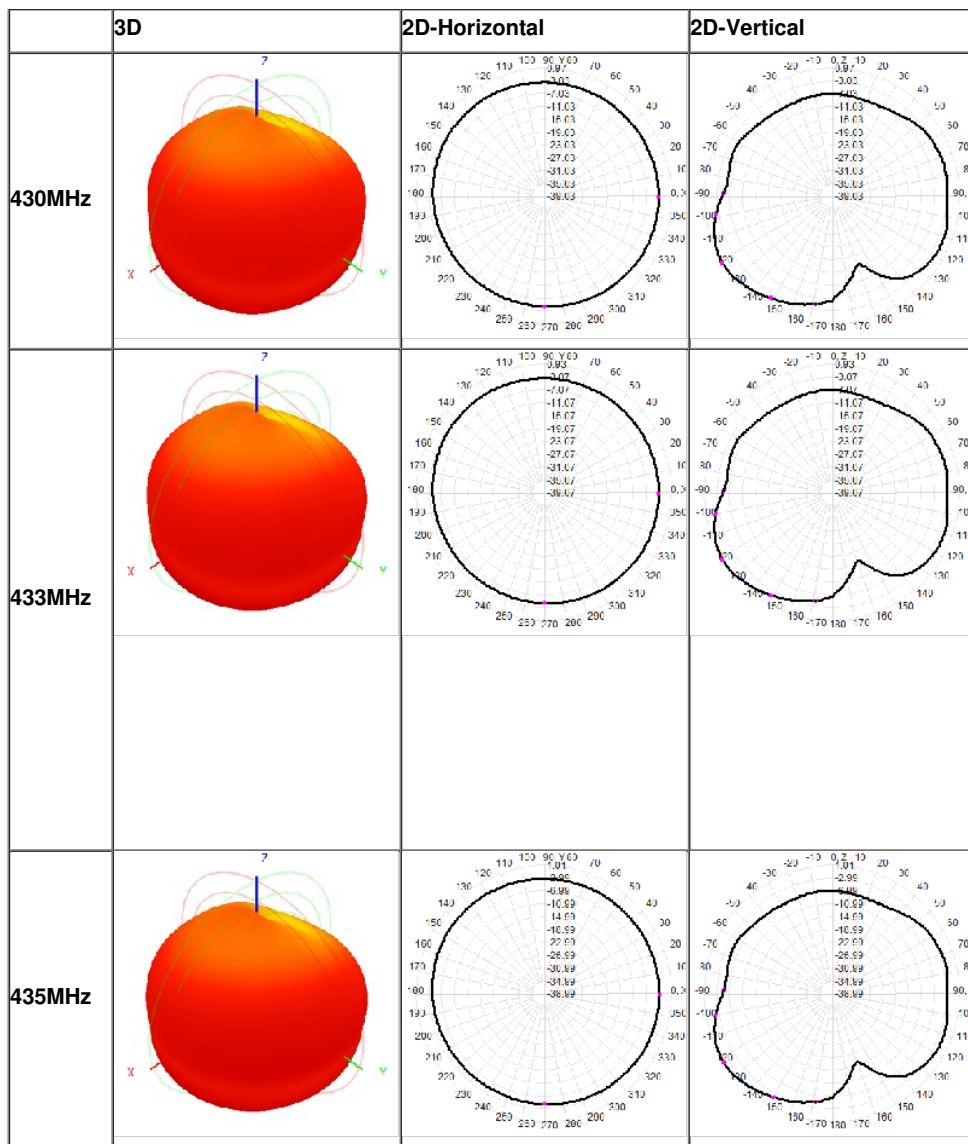


2.2 Total Efficiency & Gain:

Frequency(MHz)	430.0	431.0	432.0	433.0	434.0	435.0
Gain (dBi)	-0.69	-0.69	-0.68	-0.67	-0.68	-0.70
Efficiency (%)	42.75	42.73	42.76	42.75	42.64	42.38



2.3 Radiation Pattern



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