



400-470M Frequency Omnidirectional Antenna 150W Flanged Vehicle Spring Damping FRP Antenna

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10877-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 100 per day

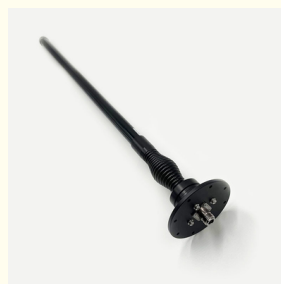
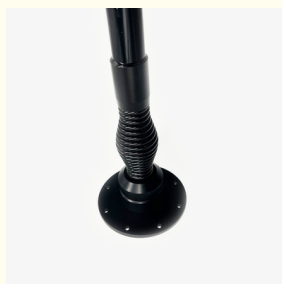


Product Specification

- Frequency: 400-470MHz
- VSWR: <2.0
- Peak Gain: 2dBi
- Impedance: 50
- Highlight: custom made antenna, frequency omnidirectional antenna, damping FRP antenna



More Images



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Product Description

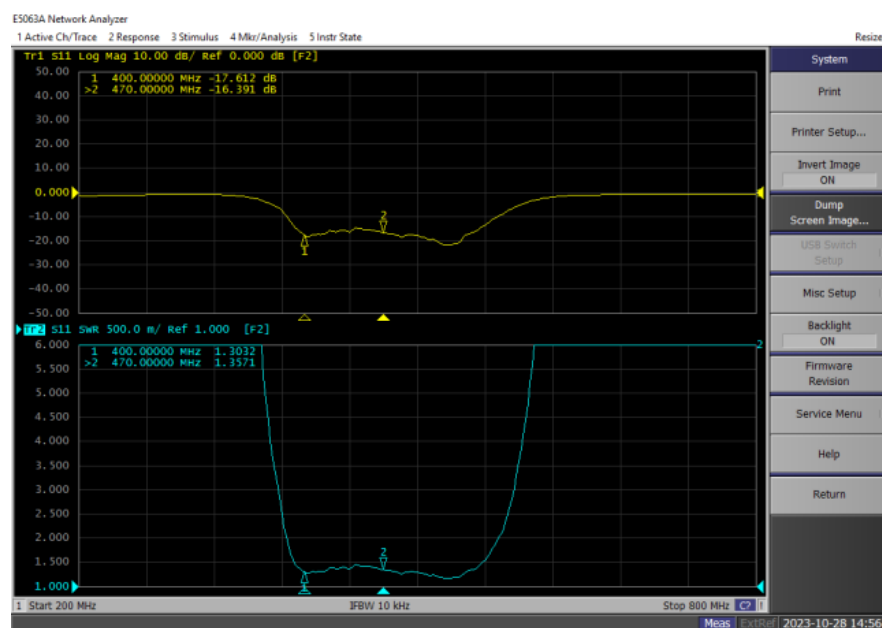
Customized 400-470M omnidirectional high-power 150W flanged vehicle low-frequency spring damping FRP waterproof antenna

1. Specification

A. Electrical Characteristics	
Frequency	400-470MHz
Impedance	50 Ohm
S.W.R.	<2.0
Antenna Gain	2dBi
Efficiency	≈90%
Polarization	Linear
Horizontal Beamwidth	360°
Vertical Beamwidth	80±10°
Max Power	150W
B. Material & Mechanical Characteristics	
Connector Type	N - Female
Dimension	Φ25*750mm
Colour	Army black
Weight	1.1Kg
Radome material	Fiberglass
C. Environmental	
Operation Temperature	- 45 °C ~ + 85 °C
Storage Temperature	- 45 °C ~ + 85 °C
Rated Wind Velocity	36.9m/s
Lighting Protection	DC Ground

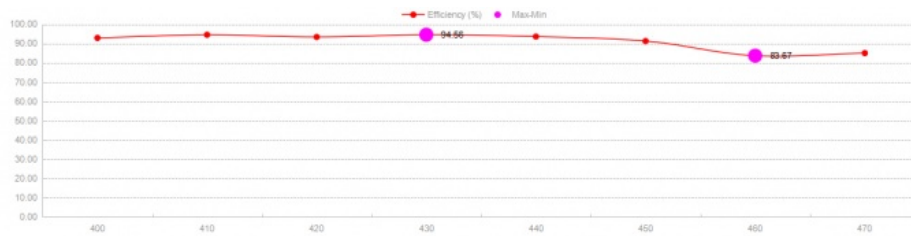
2. Antenna - S Parameter Test Data

2.1 VSWR

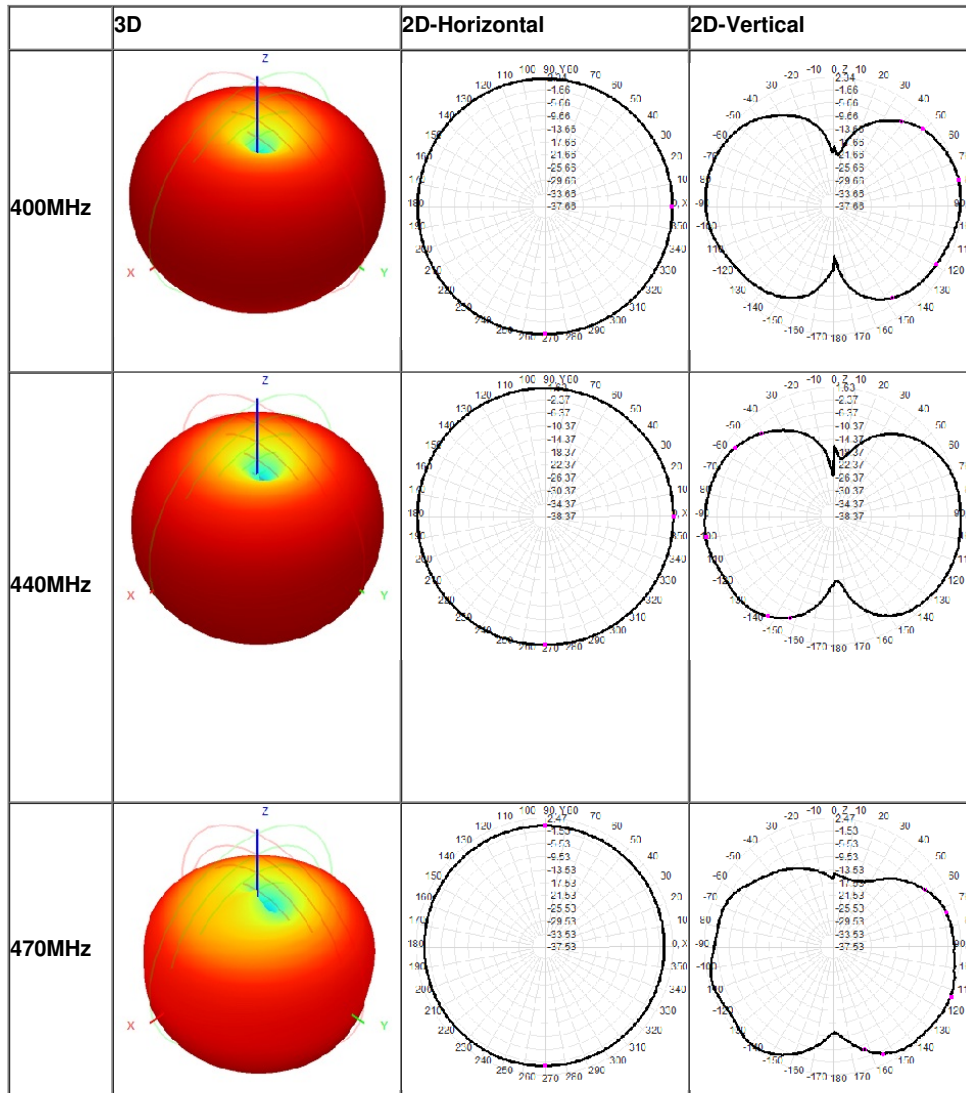


2.2 Total Efficiency & Gain:

Frequency(MHz)	Gain(dBi)	Efficiency(%)
400	2.3	92.9
410	2.0	94.5
420	1.7	93.4
430	1.7	94.6
440	1.6	93.6
450	1.6	91.2
460	1.6	83.7
470	2.5	85.0



2.3 Radiation Pattern



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