



135-175M Omnidirectional 150W Flanged Vehicle Low-Frequency Spring Damping FRP Antenna Waterproof High-Power

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10878-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 100 per day

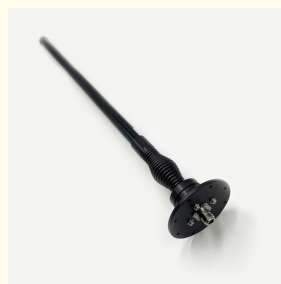
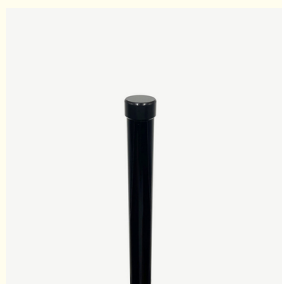
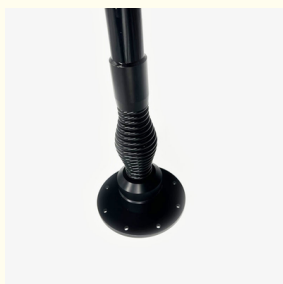


Product Specification

- Frequency: 135-175MHz
- VSWR: <2.0
- Peak Gain: 1.5dBi
- Impedance: 50
- Highlight: 135-175M omnidirectional antenna, 150W FRP antenna, 135-175M FRP antenna



More Images



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Product Description

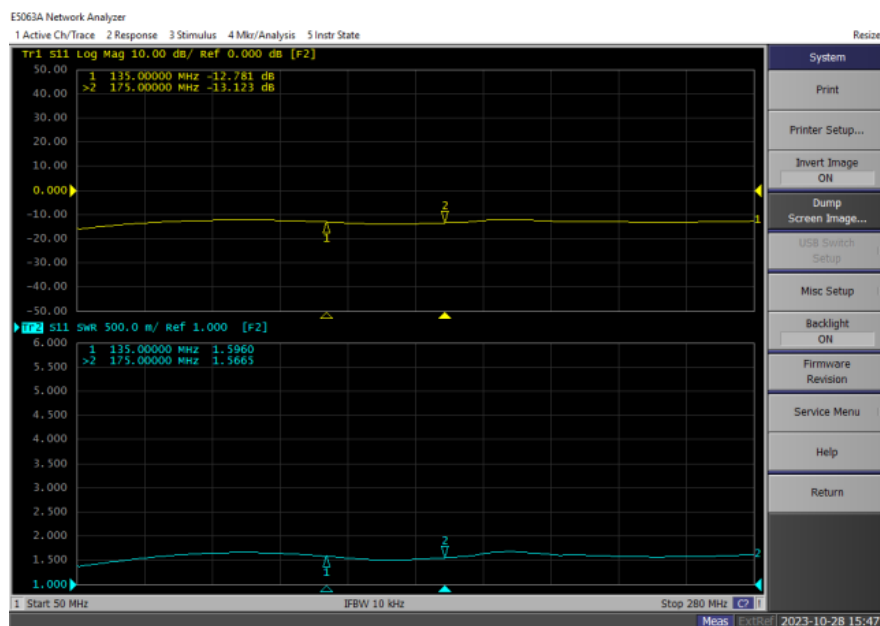
Customized 135-175M omnidirectional high-power 150W flanged vehicle low-frequency spring damping FRP waterproof antenna

1. Specification

A. Electrical Characteristics	
Frequency	135-175MHz
Impedance	50 Ohm
S.W.R.	<2.0
Antenna Gain	1.5dBi
Efficiency	≈90%
Polarization	Linear
Horizontal Beamwidth	360°
Vertical Beamwidth	90±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

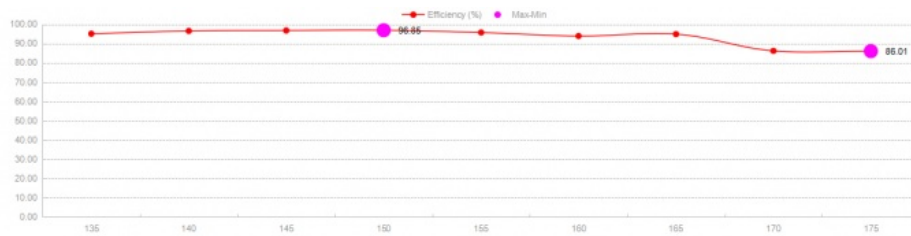
2. Antenna - S Parameter Test Data

2.1 VSWR

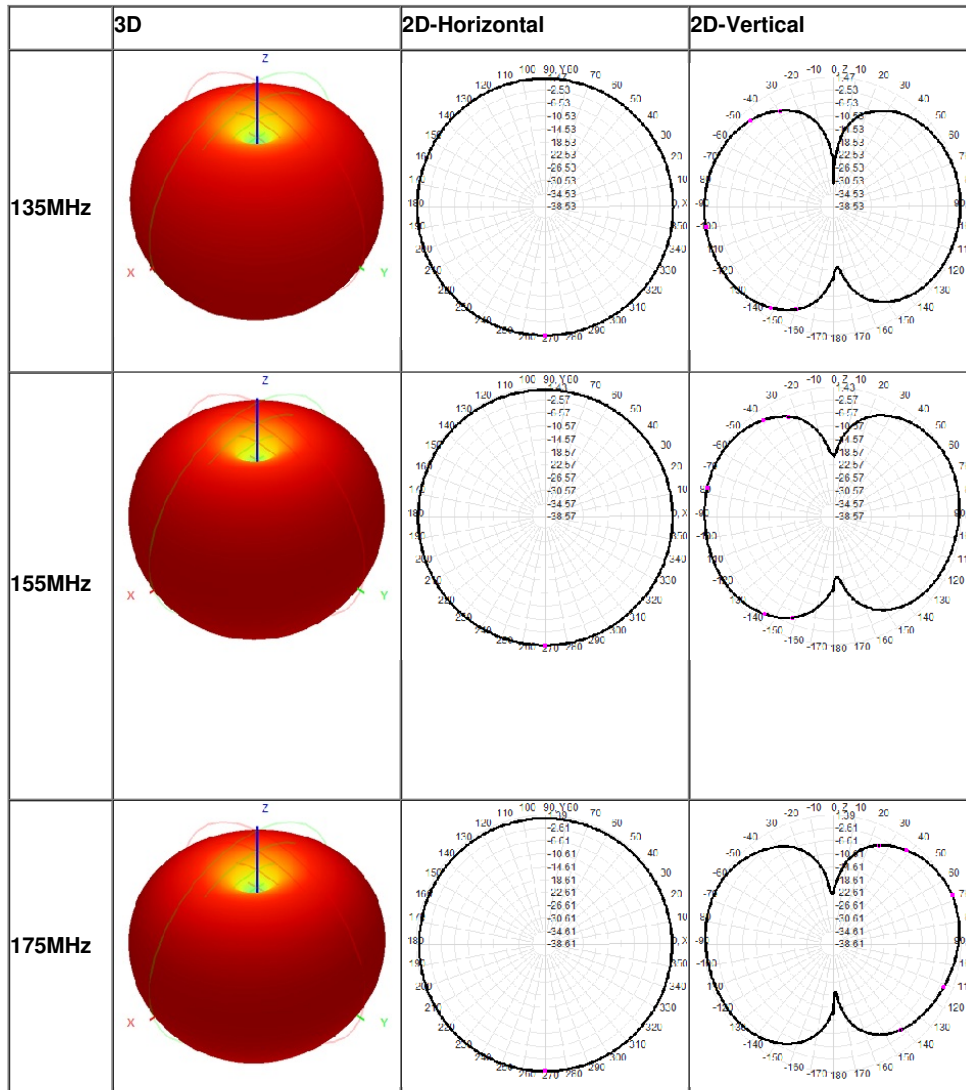


2.2 Total Efficiency & Gain:

Frequency(MHz)	Gain(dBi)	Efficiency(%)
135	1.5	95.1
140	1.6	96.5
145	1.5	96.7
150	1.3	96.9
155	1.4	95.7
160	1.6	93.9
165	1.8	94.8
170	1.4	86.2
175	1.4	86.0



2.3 Radiation Pattern



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