

ZN30505G Log-Periodic Antenna - Product Datasheet

Manufacturer: Beijing Daze Technology Co., Ltd.



1. Product Overview

Model: ZN30505G
Type: Log-Periodic Antenna
Frequency Range: 25MHz - 7GHz

The ZN30505G Log-Periodic Antenna is a wideband antenna with a frequency range of 25MHz to 7GHz. It features lightweight construction and is easy to carry and install, making it ideal for testing in shielded rooms or outdoor environments. This antenna's performance has been verified by the National Institute of Metrology, China, and meets the technical level of similar international products, making it a viable domestic alternative to imported antennas.

2. Technical Specifications

Parameter	Specification
Effective Frequency Range	25MHz - 7GHz
Impedance	50Ω (N-Type Connector)
Maximum Power Input	300W
Antenna Gain	-25dBi to 7dBi
3dB Beamwidth (E-Plane)	45° - 65° (f > 150MHz) ≈78° (f < 150MHz)
3dB Beamwidth (H-Plane)	90° - 120°
Polarization	Horizontal/Vertical
Antenna Dimensions	1000mm × 1000mm × 560mm
Antenna Weight	Approx. 2.5kg
Packaging Box Dimensions	850mm × 850mm × 250mm
Packaging Box Weight	Approx. 21kg

3. Key Features

- **Wide Frequency Range:** Covers frequencies from 25MHz to 7GHz, making it suitable for a variety of applications.
 - **High Gain and Beamwidth Flexibility:** Features a broad beamwidth and adjustable gain for precise testing.
 - **Compact and Portable:** Lightweight and easy to transport, ideal for both indoor and outdoor testing environments.
 - **Quality Assurance:** Tested and verified by the National Institute of Metrology, China.
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4. Standard Accessories

Item	Quantity
Antenna Elements	2 units
Antenna Support Rod	1 unit
Antenna Matching Unit	1 unit
Screwdriver	1 unit
Antenna Gain Table	1 copy
User Manual	1 copy
Tripod (optional)	1 unit
Certificate of Conformity	1 copy

5. Operating Instructions

- **Handling:** Handle the antenna carefully to avoid damage from impact.
 - **Storage:** Store the antenna in a dry, non-corrosive environment.
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6. Warranty

- **Duration:** 18 months from the date of shipment.
- **Conditions:** Covers defects in materials and workmanship under normal transportation and usage conditions.

7. Product Photo



Contact Information:

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