

ZN30505C Log-Periodic Antenna - Product Datasheet

Manufacturer: Beijing Daze Technology Co., Ltd.



1. Product Overview

Model: ZN30505C
Type: Log-Periodic Antenna
Frequency Range: 30MHz - 1000MHz

The ZN30505C antenna combines the features of a biconical and log-periodic antenna, primarily used for wide frequency range applications from 30MHz to 1000MHz. It can handle both receiving and transmitting tasks without the need to switch antennas during measurements.

2. Technical Specifications

Parameter	Specification
Frequency Range	30MHz - 1000MHz
Polarization	Linear
Polarization Isolation	>10dB
Front-to-Back Ratio	>10dB
Impedance	50Ω
VSWR	<1.8 (above 200MHz), <4 (50MHz - 200MHz), <10 (30MHz - 50MHz)
Input Power	200W (typical)
Gain	8dB (typical from 200MHz onwards)
RF Connector	N-type
Application	Laboratory
Dimensions (W × H × L)	845mm × 670mm × 1440mm
Weight	Approx. 5kg
Packaging Box Dimensions (W × L)	700mm × 850mm

Parameter	Specification
Packaging Box Weight	14kg

3. Standard Accessories

Item	Quantity
Antenna Elements	2 units
Antenna Body	1 unit
Antenna Factor Table	1 copy
5m Cable (N-Type)	1 unit
User Manual	1 copy
Tripod (Optional)	1 unit (includes 1 panhead)
Certificate of Conformity	1 copy
Packaging Box	1 unit

4. Additional Information

- **Handling:** Handle the antenna carefully to avoid damage from impacts.
- **Storage:** Store in an environment free from corrosive gases.
- **Warranty:** 18 months from the date of shipment.

5. Correction Data Table

Frequency (MHz)	Correction Factor (3m method)	Correction Factor (10m method)
30	14.81 dB	14.66 dB
50	8.64 dB	9.18 dB
100	7.62 dB	7.52 dB
300	12.74 dB	12.38 dB

Frequency (MHz)	Correction Factor (3m method)	Correction Factor (10m method)
500	16.61 dB	16.33 dB
1000	23.05 dB	22.01 dB

6. Product Photo



Contact Information:

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