

ZN30505A-A Biconical Antenna - Product Datasheet

Manufacturer: Beijing Daze Technology Co., Ltd.



1. Product Overview

Model: ZN30505A-A
Type: Biconical Antenna
Frequency Range: 30MHz - 300MHz

The ZN30505A-A Biconical Antenna is a wideband antenna with features such as broad frequency coverage, lightweight construction, foldability, and portability. The antenna’s performance meets or exceeds similar foreign products and is suitable for compliance with **GJB151B-2013** RE102 testing requirements. Note: This antenna is designed only for receiving and not for transmitting.

2. Technical Specifications

Parameter	Specification
Frequency Range	30MHz - 300MHz
Output Impedance	50Ω(N-type connector)
VSWR	<4 (average)
Antenna Factor	Refer to correction table
Operating Position	Horizontal/Vertical
Antenna Dimensions	1370mm × 909mm × 850mm
Antenna Weight	Approx. 2kg
Package Dimensions	860mm × 460mm × 190mm
Package Weight	Approx. 9kg

3. Standard Accessories

Item	Quantity
Antenna Elements	2 units
Antenna Support Rod	1 unit
Antenna Matching Network	1 unit
5m Cable	1 unit
User Manual	1 copy
Tripod	1 unit
Certificate of Conformity	1 copy

4. Operating Instructions

- Antenna Handling:** Handle with care to prevent damage from impacts.
- Storage:** Store the antenna in a non-corrosive environment.
- Assembly:** Connect the antenna elements, support rod, and matching network. Mount the antenna on the tripod for stability during operation.

5. Warranty

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

Correction Factor Table

Frequency (MHz)	Correction Factor (dB/m)	Balance (dB)
30	10.8	0.01
35	10.1	-1.49
40	9.6	-2.56
50	9.1	-1.96
60	8.9	-1.44

Frequency (MHz)	Correction Factor (dB/m)	Balance (dB)
100	11.6	0.04
150	14.2	1.93
200	16.6	-1.43
300	20.7	-0.58

6. Product Photo



Contact Information:

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