

ZN30503-1 Omnidirectional Antenna - Product Datasheet

Pdqxidfwxuhu: Beijing Daze Technology Co., Ltd.



1. Product Overview

Model: ZN30503-1
Type: Omnidirectional Antenna
Frequency Range: 30MHz - 1GHz

The ZN30503-1 Omnidirectional Antenna is designed for wideband omnidirectional electric field testing, covering a frequency range of 30MHz to 1GHz. This antenna is lightweight and portable, making it ideal for site attenuation measurements with excellent portability.

2. Technical Specifications

Parameter	Specification
Frequency Range	30MHz - 1GHz
Antenna Impedance	50Ω
Antenna Factor	Refer to Antenna Factor Chart
Antenna Gain	Refer to Table 2
VSWR	Refer to Figure 3
Antenna Symmetry	Less than ±1dB
Antenna Dimensions	645mm × 450mm × 190mm
Antenna Weight	Approx. 1kg
Package Dimensions	645mm × 380mm × 250mm
Package Weight	Approx. 7kg

3. Standard Accessories

Item	Quantity
Antenna Elements	2 units
Antenna Support Rod	1 unit
Antenna Balun	1 unit
5m N-N Cable	1 unit
User Manual	1 copy
Tripod (optional)	1 unit
Certificate of Conformity	1 copy
Packaging Box	1 unit

4. Operating Instructions

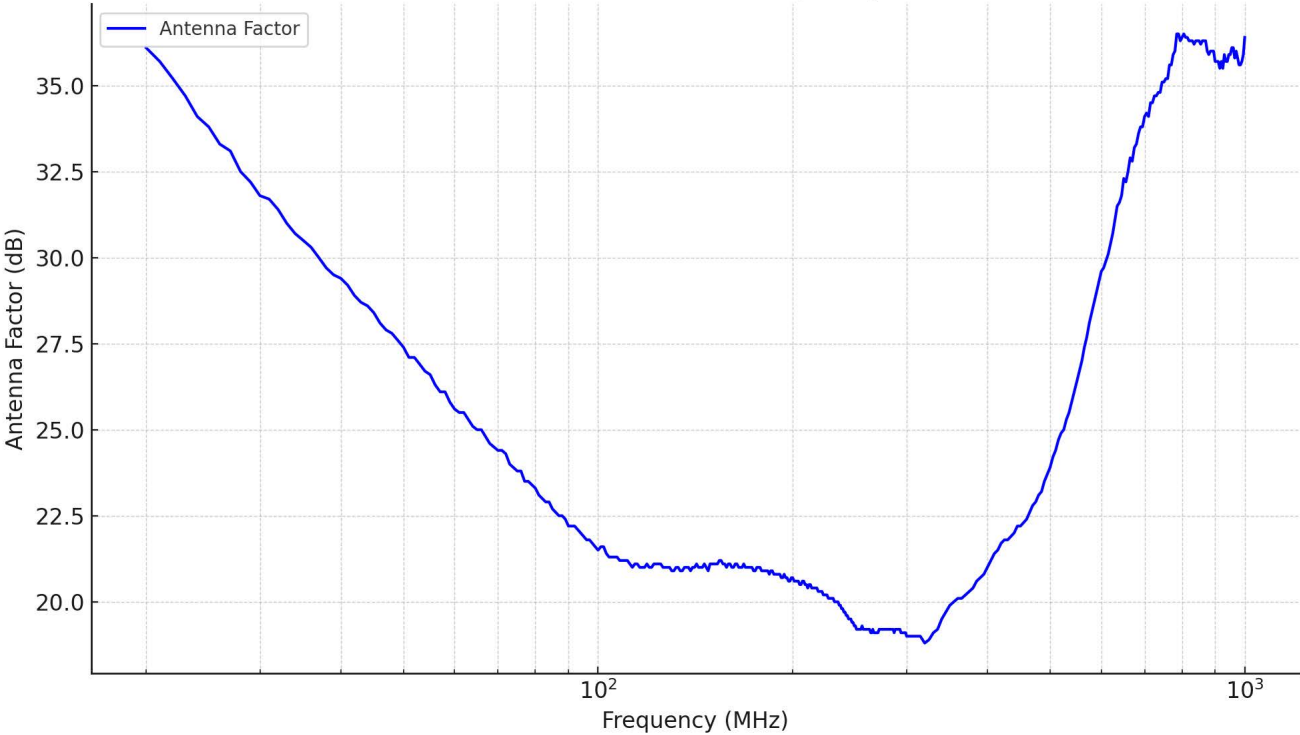
- **Handling:** Handle the antenna carefully during use to prevent damage from impacts.
 - **Storage:** Store the antenna in an environment free from corrosive gases.
 - **Assembly:** Ensure that the two antenna elements are securely mounted during use to prevent detachment.
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5. Warranty

- **Warranty Period:** 18 months from the date of shipment.
 - **Warranty Conditions:** The warranty covers defects in materials and workmanship under normal use and transportation conditions.
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6. Additional Graphs

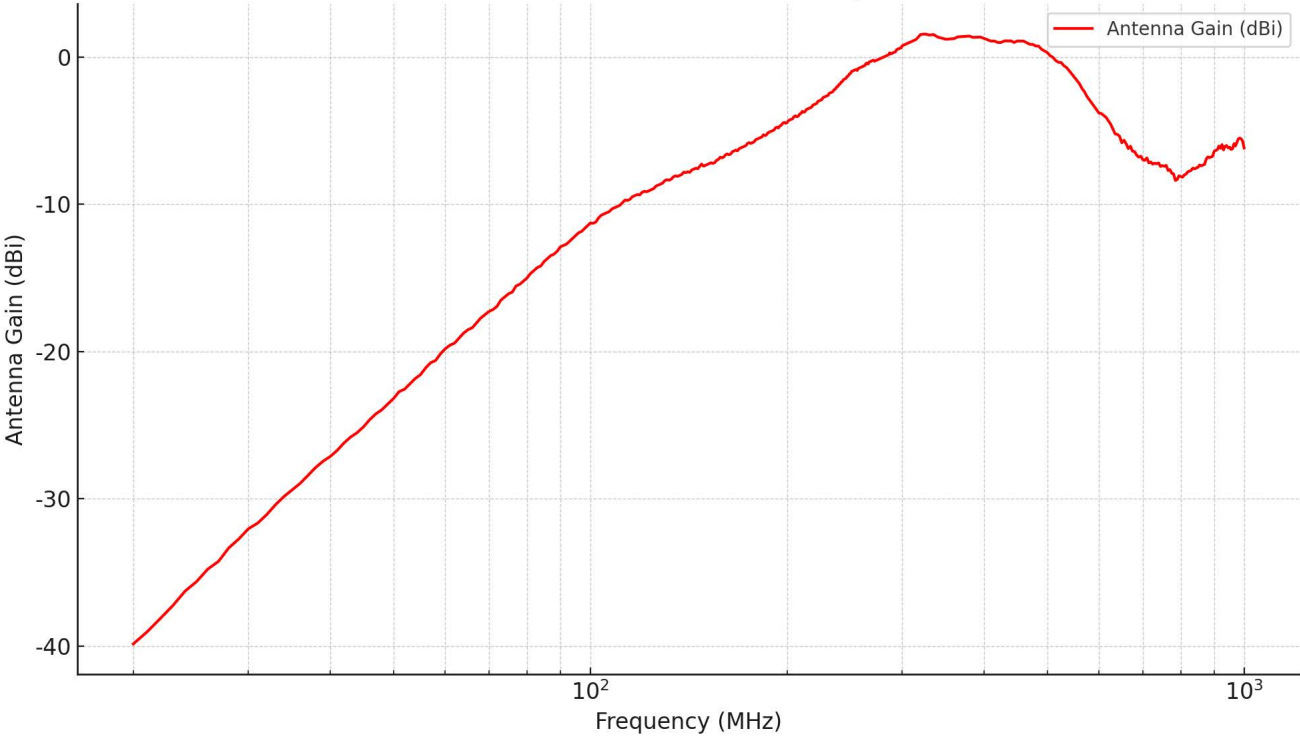
Antenna Factor vs Frequency



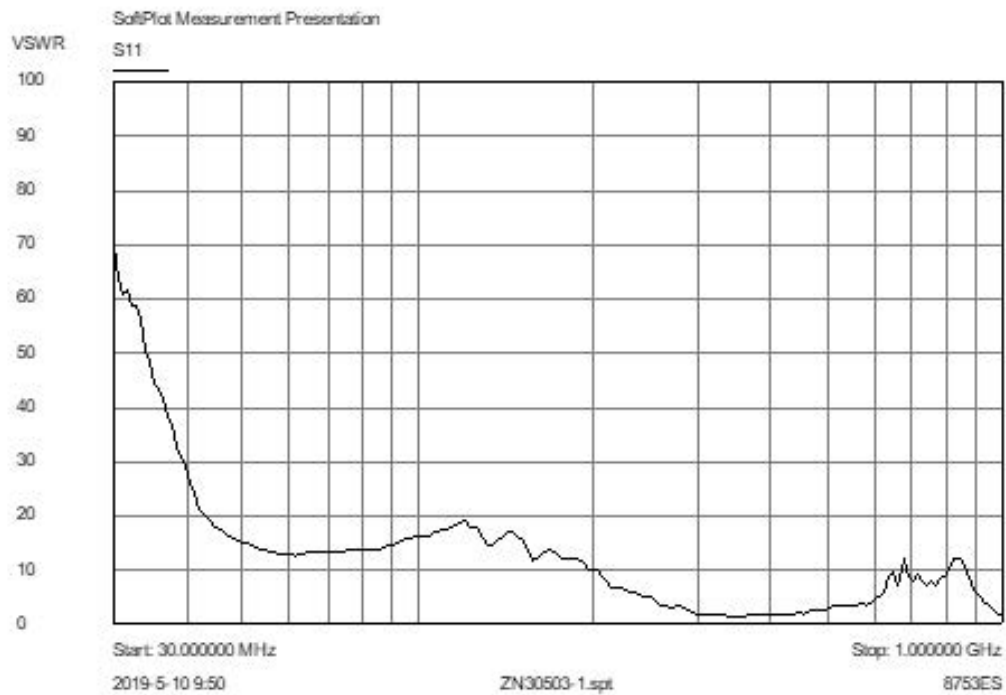
Antenna Factor Chart

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Antenna Gain vs Frequency



Antenna Gain Chart



VSWR Chart

7. Product Photo



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