

ZN30300 Magnetic Field Antenna - Product Datasheet

Manufacturer: Beijing Daze Technology Co., Ltd.



1. Product Overview

Model: ZN30300
Type: Magnetic Field Antenna
Frequency Range: 10Hz - 1MHz

The ZN30300 magnetic field antenna is designed for leakage testing of sonar, industrial, scientific, medical equipment, and subsystems. It is also used to assess whether the magnetic field leakage from related wires and cables exceeds the required standards. This antenna meets the **RE101** standard in **GJB151B-2013**.

2. Technical Specifications

Parameter	Specification
Frequency Range	10Hz - 1MHz
Antenna Factor	Refer to Table 1
Impedance	50Ω
Inductance	450μH
Dimensions	100mm × 150mm × 160mm (L × W × H)
Weight	300g

3. Standard Accessories

Item	Quantity
Antenna	1 unit
BNC-BNC Cable (1m)	1 unit
User Manual	1 copy
Certificate of Conformity	1 copy

4. Correction Factor Table (Table 1)

Frequency (Hz)	Correction Factor (dBpT/μV)
10	89.5
20	83.5
30	79.7
40	77.2
50	75.2
60	73.7
70	72.3
80	71.2
90	70.2
100	69.2
200	63.2
300	59.8
400	57.2
500	55.3
600	53.8
700	52.5
800	51.4
900	50.5
1000	49.6
2000	44.6
3000	41.3
4000	38.9
5000	37.2
6000	35.7
7000	34.5
8000	33.5
9000	32.7
10000	32.1

Frequency (Hz)	Correction Factor (dBpT/μV)
20000	28.6
30000	27.5
40000	26.9
50000	26.7
60000	26.5
70000	26.4
80000	26.3
90000	26.3
100000	26.2
200000	26.1
300000	26.1
400000	26.1
500000	26.1
600000	26.1
700000	26.1
800000	26.1
900000	26.1
1000000	26.1

5. Warranty

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

6. Product Image



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