

ZN3752 Type-A Coupling Network - Product Datasheet

Manufacturer: Beijing Daze Technology Co., Ltd.



1. Product Overview

Model: ZN3752
Type: Type-A Coupling Network
Frequency Range: 150kHz – 30MHz

The ZN3752 Type-A Coupling Network is a coaxial coupling/decoupling network designed in compliance with the national standard GB/T6113-102 and CISPR16-1-2. This network is primarily used for measuring the decoupling factor (DR) of power absorption clamps and conducting calibration measurements using the original calibration method. It provides a controlled environment for the Device Under Test (DUT) to reduce external high-frequency interference and is also used for testing RF receiver immunity.

2. Technical Specifications

Parameter	Specification
Frequency Range	150kHz – 30MHz
Port Impedance (Zce)	150Ω ±20Ω
Phase Angle	≤±20°
Insertion Loss	<0.8dB (Refer to Fig. 6)
Interference Signal Port	Max Input Signal 2W
Dimensions	191mm × 160mm × 100mm
Weight	1.35kg

3. Key Features

- Standards Compliance:** Designed in accordance with GB/T6113-102 and CISPR16-1-2 standards.
- Controlled Testing Environment:** Helps reduce high-frequency interference in the DUT environment.

- **Calibration-Ready:** Suitable for decoupling factor measurement and calibration of power absorption clamps.

4. Usage Instructions

1. Install the device on a reliably grounded metal plate.
2. Perform tests in accordance with national standards as required.
3. Refer to Figures 4 and 5 in the user manual for detailed setup instructions.

5. Accessories

Item	Quantity
ZN3752 Unit	1 unit
50Ω Load	1 unit
Product Certificate	1 copy
User Manual	1 copy

6. Warranty

- **Warranty Period:** 18 months from the date of shipment, covering defects under normal usage and transportation conditions.

7. Product Photo



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