

ZN3753 M-Type Coupling Network - Product Datasheet

Manufacturer: Beijing Daze Technology Co., Ltd.



1. Product Overview

Model: ZN3753
Type: M-Type Coupling Network
Frequency Range: 150kHz – 30MHz

The ZN3753 M-Type Coupling Network is designed according to the GB/T6113.102 (CISPR 16-1-2) national standards. It is primarily used to provide a stable impedance network at the power port during power absorption clamp conducted interference measurements. Additionally, it can be used for conducted immunity tests within the 150kHz – 30MHz frequency range. This network creates a controlled environment for the Device Under Test (DUT), minimizing the effects of high-frequency interference.

2. Technical Specifications

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

3. Key Features

- Stable Impedance:** Provides stable impedance for conducted disturbance measurements.
- Interference Isolation:** Helps minimize high-frequency interference in the DUT environment.

- **Standards Compliance:** Compliant with GB/T6113.102 and CISPR 16-1-2 standards.
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4. Usage Instructions

1. Install the unit on a reliably grounded metal plate.
 2. Follow the national standards for testing requirements.
 3. After completing the test, disconnect the external power supply.
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5. Accessories

Item	Quantity
ZN3753 Unit	1 unit
50Ω Load (2W)	1 unit
Power Adapter	1 unit
Power Cable	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.
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7. Product Photo



Contact Information:
Beijing Daze Technology Co., Ltd.
Phone: 010-64357789
Fax: 010-64373942
Website: www.zn734.com.cn
Email: 781920339@qq.com