

ZN23204 Decoupling Clamp - Product Datasheet

Manufacturer: Beijing Daze Technology Co., Ltd.



1. Product Overview

Model: ZN23204
Type: Decoupling Clamp
Frequency Range: 150kHz - 400MHz
Effective Frequency Range: 1MHz - 400MHz

The ZN23204 Decoupling Clamp is an essential accessory used in combination with the ZN23203 Electromagnetic Injection Clamp. It effectively absorbs stray signals before the injection point of the ZN23203. The clamp can accommodate cable diameters up to 16mm.

2. Technical Specifications

Parameter	Specification
Frequency Range	150kHz - 400MHz
Effective Frequency Range	1MHz - 400MHz
Attenuation	≤ -14dB (within the effective frequency range)
Operating Temperature	-10°C to +50°C
Relative Humidity	≤90% (at 25°C)
Clamp Dimensions	650mm × 110mm × 99mm
Clamp Weight	5.5kg
Package Dimensions	815mm × 275mm × 195mm
Package Weight	Approx. 9.3kg

3. Usage Instructions

The ZN23204 decoupling clamp is used to absorb unwanted signals when measuring electromagnetic emissions or immunity with the ZN23203 injection clamp. For setup and specific operation, refer to the illustrated instructions in the user manual.

4. Standard Accessories

Item	Quantity
Decoupling Clamp	1 unit
User Manual	1 copy
Certificate of Conformity	1 copy
Special Packaging Case	1 unit

5. Storage and Transportation

- Ensure smooth transportation, avoiding any collisions as the internal magnetic rings are fragile.
 - Store the device in a dry environment, away from strong magnetic fields and corrosive gases.
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6. Warranty

- **Warranty Period:** 18 months from the date of shipment.
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7. Attenuation Table

Frequency (MHz)	Attenuation (dB)
0.15	-5.5
0.2	-7.2
0.3	-10.4
0.32	-10.9
0.35	-11.6
0.4	-12.7
0.45	-13.6

Frequency (MHz)	Attenuation (dB)
0.5	-14.5
0.55	-15.3
0.6	-15.9
0.8	-17.6
0.9	-18.2
1	-18.7
2	-20.1
3	-20.1
4	-19.8
5	-19.5
8	-18.4
10	-17.8
15	-16.7
20	-15.8
22	-15.5
25	-15.4
28	-15.3
30	-15.3
35	-15.3
40	-15.4
50	-15.4
60	-15.1
70	-14.8
80	-14.9
90	-15.1
100	-15.2
120	-15.1
160	-16.3
180	-16.8
200	-17.2

Frequency (MHz)	Attenuation (dB)
210	-17.3
220	-17.7
230	-18.0
240	-18.2
260	-18.4
280	-18.8
300	-18.0
320	-18.0
360	-18.6
380	-19.4
400	-19.8

8. Product Photo



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