



# Electromagnetic Interference Decoupling Clamp

## EMID 1M

- IEC 61000-4-4
- GB/T 17626.4

### Introduction

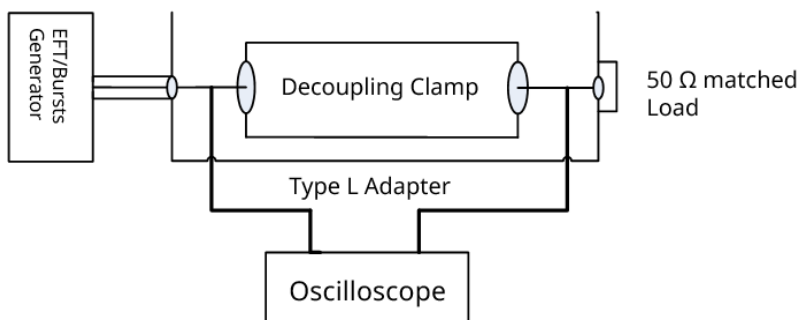
The EMID 1M EMI Decoupling Clamp is used to decouple interference signals in electrical fast transient/burst immunity tests (EFT/B) according to IEC 61000-4-4 and GB/T 17626.4.

It can attenuate the transient burst signals by more than 20 dB. Additionally, it can be used for attenuating interference signals above 1 MHz, with an attenuation coefficient greater than 10 dB (depending on the signal frequency). Adopting a snap-on structure, this clamp can be directly mounted on cables. It also features physical isolation from the decoupled cables.

### Technical Parameters

|                                          |                                  |
|------------------------------------------|----------------------------------|
| Electrical EFT/B Attenuation Coefficient | ≥20 dB                           |
| Maximum Cable Diameter                   | 38 mm                            |
| Dimension                                | 520 mm (W)*130 mm (H)*120 mm (D) |
| Operating Temperature                    | 0°C ~ 65°C                       |
| Weight                                   | 7.5 kg                           |

## Attenuation Coefficient Measurement Setup



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