

# CDN ABCL-35

## Decoupling clamp

### IEC / EN 61000-4-6

- For additional decoupling during immunity tests according to IEC/EN 61000-4-6
- Frequency range 100 kHz – 1 GHz

**Improves the reproducibility  
of the test result based on  
IEC / EN 61000-4-6!**



### Overview

The CDN ABCL-35 decoupling clamp, also known as attenuation clamp, is recommended for additional decoupling when EM-Clamp injection method is used for immunity testing to disturbances induced by radio frequency fields according to IEC / EN 61000-4-6.

It shall be installed on each cable between EUT and AE except the cable under test, preventing other devices or systems from being affected by the testing procedure.

### Key Facts

- Suitable for cables up to 35 mm diameter
- Use on connecting lines between EUT and AE
- Recommended for additional decoupling when using the EM-clamp injection method



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### Technical data I

#### CDN ABCL-35

Frequency range 100 kHz – 1 GHz

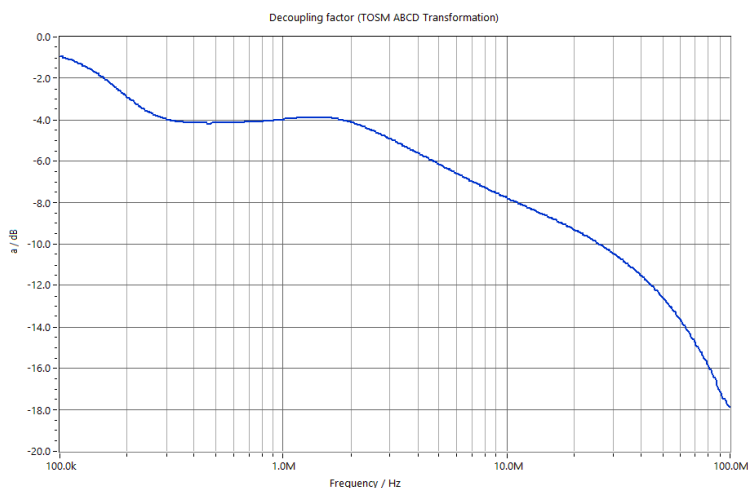
Cable diameter up to 35 mm

Dimension (L x W x H) 665 x 120 x 135 mm  
(clamp housing)

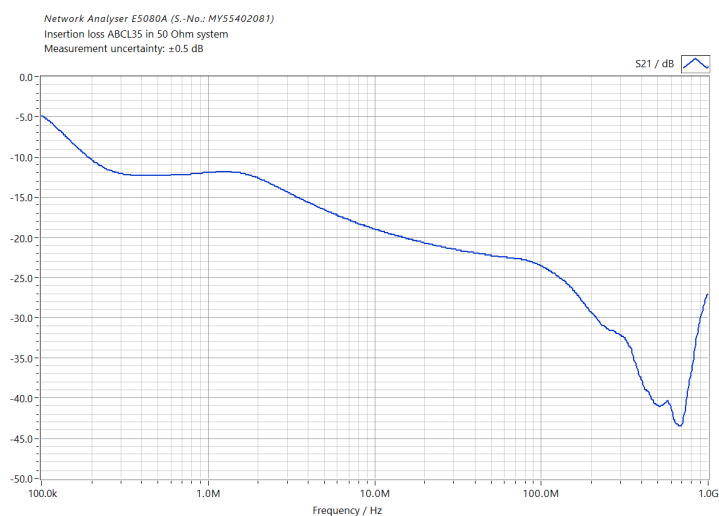
Weight 13 kg

### Technical data II

#### Typical decoupling factor



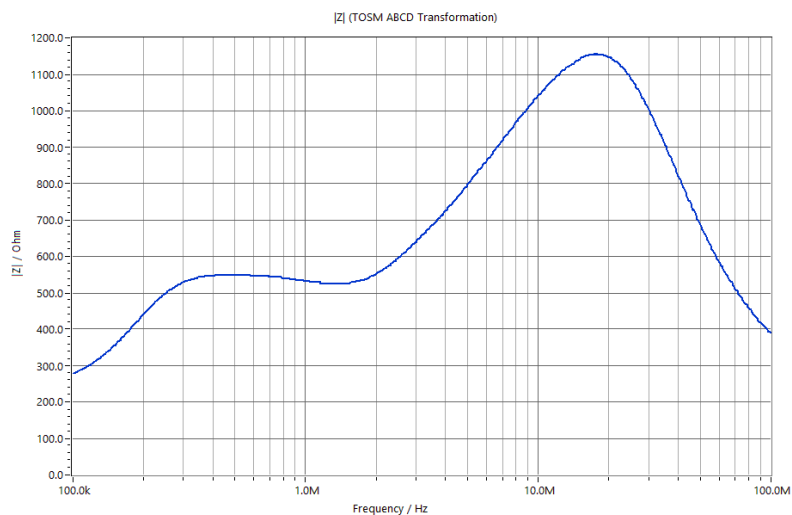
#### Typical power loss in a 50 Ohm system



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### Typical terminal impedance (transformed)



All information regarding appearance and technical data correspond to the current state of development at the time of release of this data sheet. We reserve the right to make technical changes

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