



# CMAD 10 COMMON MODE ABSORPTION DEVICE

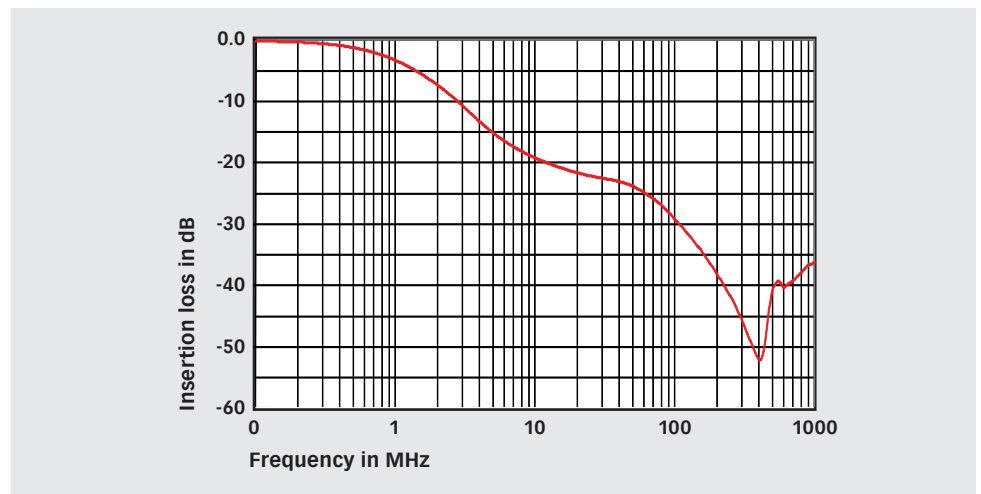


Reproducible emissions measurements require a defined line termination for the frequency range where connected lines provide a significant influence on the emissions. The key parameter is the asymmetrical impedance (common-mode impedance) which can be seen as the common mode impedance to the reference ground.

The CMAD 10 improves the asymmetrical line termination in the frequency range above 1 MHz and improves measurement reproducibility. The CMAD needs to be clipped on lines leaving the test chamber or GTEM cell. The CMAD 10 is designed to accept cable sizes of up to 10 mm and was developed for CISPR 22 Edition 4.0 2003. The small design allows using in GTEM cells.

- Frequency range 1 MHz to 1 GHz
- Max. cable diameter 10 mm
- Cable termination for radiated emission and immunity tests
- Ideal for testing in GTEM cells

### Typical insertion loss in a 50 Ω system



CMAD 10, side view

### Technical specifications

Frequency range for general use:	1 MHz to 1000 MHz
Maximum cable diameter:	10 mm
Dimension (LxWxH):	293 mm x 63 mm x 40 mm
Weight:	approx. 1.7 kg

### Model No. and options

Part number	Description
247660	CMAD 10 Common Mode Absorption Device, max. cable diameter 10mm
97-247650	CMAD xx-TC Traceable calibration (ISO17025), order only with the device

Teseq GmbH  
Landsberger Str. 255 · 12623 Berlin · Germany  
T +49 30 56 59 88 35 F +49 30 56 59 88 34  
desales@teseq.com [www.teseq.com](http://www.teseq.com)