



CDN FOR CISPR 15 COUPLING / DECOUPLING NETWORK (CDN) EMISSION MEASUREMENTS



IEC/EN 61000-4-6 specifies the design and performance of a range of coupling/decoupling networks (CDNs). Further the CISPR 15 edition 7 Amd.1 (EN 55015) offers with Annex B an independent method of measurement of radiated disturbances with CDNs. In addition to IEC/EN 61000-4-6 the impedance shall be $150\ \Omega$ with a tolerance of $+60\ \Omega / -60\ \Omega$ over the frequency range 80 MHz to 300 MHz.

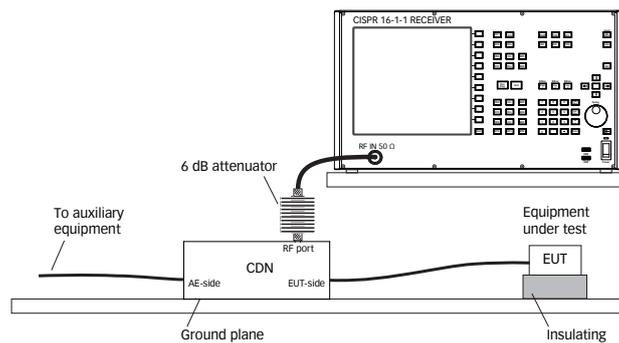
Teseq offers CDNs which fully comply with the additional requirements of CISPR 15. Not listed CDNs may also comply with requirements. Please contact Teseq for details.



CDN M016

- Designed for IEC/EN 61000-4-6 and CISPR 15/ EN 55015
- Types with 4 mm banana sockets or sub-D connectors
- Performance up to 300 MHz

Typical test setup



Technical specifications (includes only the additional parameters for CISPR 15/ EN 55022, see also the specified datasheet)

Frequency range:	30 MHz to 300 MHz
Common mode impedance (EUT port)	
30 MHz to 80 MHz:	$150\ \Omega +60\ \Omega / -45\ \Omega$
80 MHz to 300 MHz:	$150\ \Omega +60\ \Omega / -60\ \Omega$
Voltage division factor (RF input to EUT port)	
30 MHz to 80 MHz:	$9.5\ \text{dB} \pm 1\ \text{dB}$
80 MHz to 300 MHz:	$9.5\ \text{dB} +3\ \text{dB} / -2\ \text{dB}$

Delivery information

Part number	Description	
231016	CDN A201	CDN AF2 (banana)
231017	CDN A301	CDN AF3 (banana)
243010	CDN A800	CDN AF8 (sub-D)
233012	CDN A150	CDN AF15 (sub-D)



Advanced Test Solutions for EMC

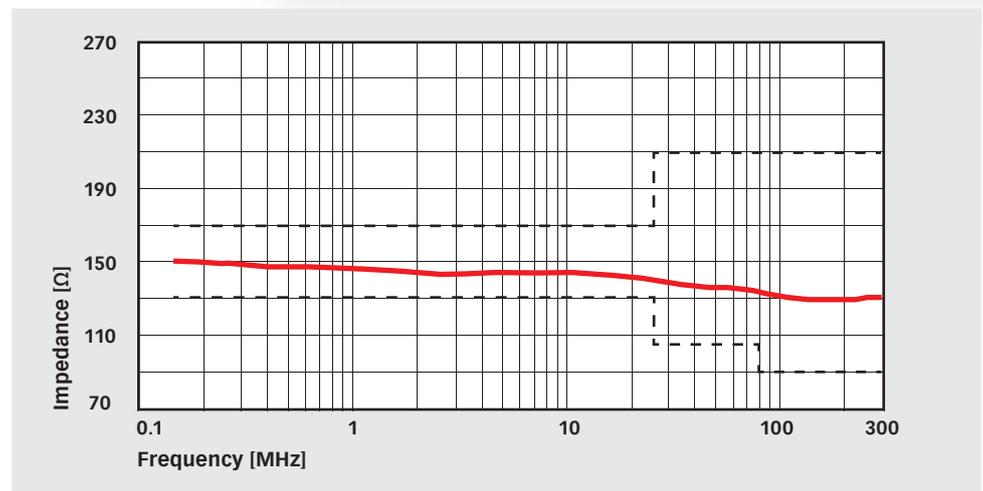
CDN FOR CISPR 15

COUPLING / DECOUPLING NETWORK (CDN)

EMISSION MEASUREMENTS

Part number	Description
231024	CDN M016 CDN M2/3 switchable, 16 A, (banana)
231002	CDN M216 CDN M2, 16 A (banana)
231003	CDN M316 CDN M3, 16 A (banana)
97-237504	CDN CISPR15-TC Traceable calibration (ISO17025) for CISPR 15 requirements,

Typical impedance (--- limits given in CISPR 15 edition 7 Amd. 1)



Typical voltage division factor

