



TBCDN - ACCESSORY SET – M1/M2/M3/M4/M5

1 Contents

The TBCDN Accessory Set includes everything needed for a CDN calibration setup. There are five variants that differ in terms of the adapter panels required for various CDN models:



Picture 1: CDN Accessory Set for TBCDN-M3

Quantity	Part	Description
2	Ground plane	Aluminium groundplane
2	TBCDN-50-150	50 Ω to 150 Ω N-male to N-female adapter
2	TBCDN-Mx-AP	Adapter panel with shorting bar for Mx coupling decoupling network; N-Female to 4mm Banana plug
1	TBATT-N-25-6	6dB attenuator, 25W, 3 GHz, N-connector
1	TBATT-N-25-3	3dB attenuator, 25W, 3 GHz, N-connector
1	TBTER-10W-6GHz-50-N	50Ohm Termination, 10W, 6GHz, N-connector

Table 1: CDN Accessory Set contents

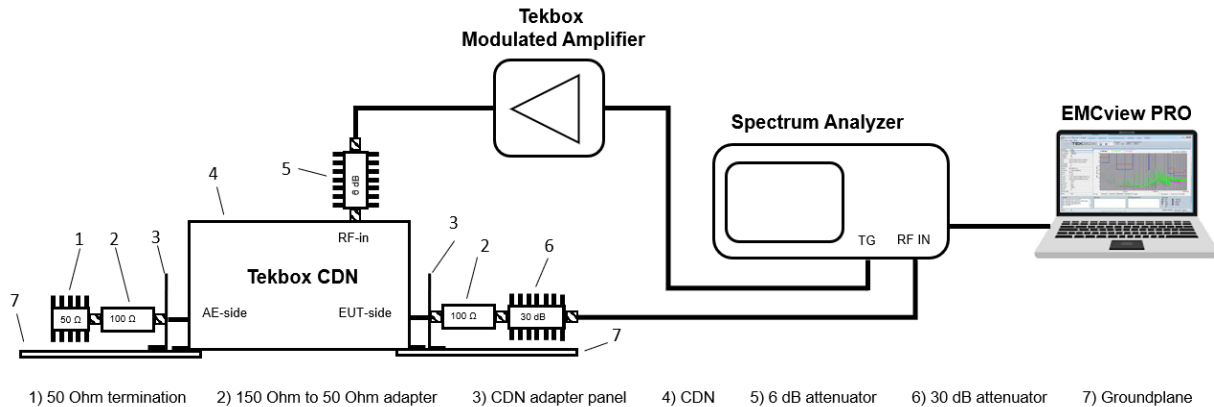
Package dimensions: 330 mm x 230 mm x 130 mm

Package weight: 2.2 kg

Comment: If the available RF power is insufficient, the 3dB attenuator can be used as a workaround. The 30 dB attenuator shown in the calibration setup is included as accessory with our modulated amplifiers.

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2 Calibration Set Up



Refer to the document *Conducted immunity basics V1.0.pdf*, which can be downloaded from the Tekbox website, for detailed instructions on calibration and measurement.

3 Ordering Information

Part Number	Description
TBCDN-AS-M1	CDN accessory set with adapter panels for TBCDN-M1
TBCDN-AS-M2	CDN accessory set with adapter panels for TBCDN-M2
TBCDN-AS-M3	CDN accessory set with adapter panels for TBCDN-M3
TBCDN-AS-M4	CDN accessory set with adapter panels for TBCDN-M4
TBCDN-AS-M5	CDN accessory set with adapter panels for TBCDN-M5

4 History

Version	Date	Author	Changes
V 1.0	13.3.2023	Mayerhofer	Creation
V 1.1	13.6.2023	Mayerhofer	Chapter 1 updated
V 1.2	25.2.2026	Mayerhofer	Attenuators changed to 25 W