

CAL CMAD20A CALIBRATION FIXTURE FOR CMAD



The through-reflect-line (TRL) calibration method is recommended for measuring the S-parameters of CMADs, as described in CISPR 16-1-4. In combination with a vector network analyzer offers the calibration fixture CAL CMAD 20A to perform the four calibration configurations of the TRL calibration method.

Scope of delivery

2x Impedance measuring adapter 2x LE 249, Ø 4 mm metal rod with usable length of 90 mm 1x LE 250, Ø 4 mm metal rod with usable length of 860 mm 1x SAR CAL CMAD20A, joiner with 20 mm usable length 1x centering device

ment of CMADs

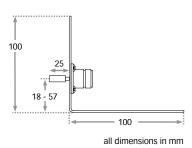
Conform with CISPR 16-1-4

Adjustable for different heights

Fixture for S-parameter measure-

Setup example of the TRL calibration method

Reference plane LE 250 metal rod of Ø 4 mm



Dimensions of the impedance measuring adapter (part of CAL CMAD20A), side view

Teseq GmbH

Landsberger Str. $255 \cdot 12623$ Berlin - Germany T + 49 30 56 59 88 35 F + 49 30 56 59 88 34 info.rf.cts@ametek.com www.teseq.com

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Technical specification

Impedance

measuring adapter

Dimensions:	see drawing
Connectors on the clamp side:	4 mm banana
Metal rod diameter:	4 mm
RF connector:	N-type female
Weight:	approx. 680 g

CMAD

Reference ground plane

Model no. and options

Part number	Description
247651	CAL CMAD20A
	Calibration fixture for CMAD 20A, CMAD 20B, Lüthi FTC 40x15 E
	according CISPR 16-1-4



Impedance

Reference plane

measuring adapter