



CAS CDND19 CALIBRATION KIT FOR CDND M316-2 FOR IEC / EN 61000-4-19



- Designed for CDND M316-2
- Verification of differential-mode (DM) impedance and decoupling factor according IEC / EN 61000-4-19
- Two measuring baluns with a balanced output of 10 Ω included

The product CAS CDND19 is made for function tests and verification measurements on CDND M316-2. Measuring parameters are differential-mode (DM) impedance and decoupling factor. Measurements on CDND are defined in IEC / EN 61000-4-19.

The CAS CDND19 contains two measuring baluns with a balanced output of 10 Ω (1 mm banana socket) and adapters for establishing the connection to banana sockets with 19 mm distance.

Technical specifications MB 1-10

Frequency range:	1 kHz to 1 MHz
Impedance ratio (unbalanced : balanced):	50 : 10
Impedance 50 Ω port:	50 Ω ± 2 Ω
Impedance 10 Ω port:	10 Ω ± 2 Ω
Insertion loss	
1 kHz single/back to back:	≤ 0.5 dB / ≤ 1.0 dB
100 kHz single/back to back:	≤ 0.4 dB / ≤ 0.8 dB
1 MHz single/back to back:	≤ 0.6 dB / ≤ 1.2 dB
CMR:	>90 dB at 1 kHz to 10 kHz >90 dB at 10 kHz to >50 dB to 1 MHz
Amplitude balance:	≤ 0.1 dB
Phase balance:	0° ± 1° at 1 kHz to 100 kHz 0° ± 3° at 100 kHz to 1 MHz
Max. power:	0 dBm
Connector	
50 Ω port:	BNC female
100 Ω port:	1 mm female (2x 100 Ω port, 1x ground)
Dimension (LxWxH):	72 mm x 32 mm x 27 mm
Weight:	approx. 85 g

Mechanical specifications

Size (W x H x D):	390 mm x 110 mm x 290 mm
Weight:	approx. 2.3 kg

Environmental conditions

Classification:	Indoor use only
Operating temperature:	+5°C to +40 °C
Relative humidity:	up to 80%

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Scope of delivery



Teseq GmbH
Landsberger Str. 255 · 12623 Berlin · Germany
T +49 30 56 59 88 35 F +49 30 56 59 88 34
deinfo.teseq@ametek.com www.teseq.com

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Model No. and options

Part number	Description
255661	CAS CDND19 Calibration kit for CDND M316-2, incl. 2x MB 1-10 (Balun 50 Ω/10 Ω) and adapters, delivered in storage case, traceable calibration included