

# Capacitive Coupling Clamp 1313-B1-01



## For Tests According To

> IEC 61000-4-4 > EN 61000-4-4 > IEC 61000-4-18 > EN 61000-4-18

## Highlights

- > Construction as per IEC 61000-4-4 Ed.3
- > EFT/Burst Testing of Signal- and Datalines
- > Active Coupling Length 1 m
- > Permissible Burst Voltage 7 kV
- > For Cable Diameter up to 40 mm

## Application Areas



Industry



Telecom



Medical



Residential



Broadcast

## Product Data

All specifications are subject to change without notice.  
All values are typical, unless specified.

Technical Data	
Max Voltage	7.0 kV
Dimension	140 mm x 1000 mm
Coupling Plate Height	GND - couplingplate, 100 mm
Connector	High voltage connector, coaxial
GND Connection	4 mm plug, banana
EUT Cable	Up to 40 mm diameter
Weight	10.6 kg

  

General Data	
Temperature	10°C to 40°C
Rel. Humidity	Max. 85 %, non condensing
Atmospheric Pressure	86 kPa (860 mbar) to 106 kPa (1,060 mbar)

## Coupling Clamp Calibration

The calibration of the capacitive coupling plane is performed with the open circuit voltage setting at the EFT/burst generator (50 ohm output): 2,000 V

Resulting output voltage across the PVF 50 (50ohm matching resistor): 1,000 V.

Measuring voltage  $V_m$ : 10 V

Measured voltage considering the 50 ohm input impedance of the oscilloscope: 5 V

Resulting attenuation (theoretical): 400:1

