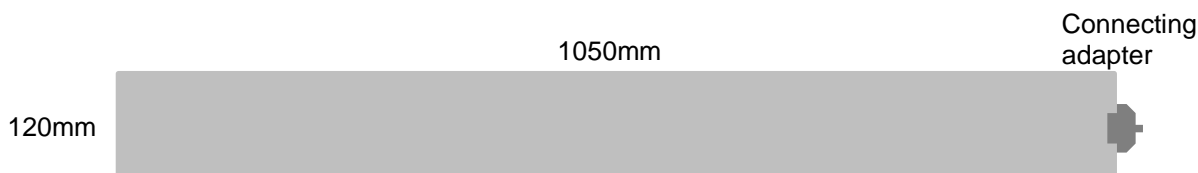


# EFTC-CK

Calibration kit for burst coupling clamps (EFTC2012)  
Transducer plate with connecting adapter



According to  
IEC 61000-4-4 : 2012

The EFTC-CK is a calibration kit for burst/EFT coupling clamps as specified in IEC 6100-4-4:2012. It has been designed for calibration of coupling clamps like EFTC2012.

The set consists of a transducer plate and a termination bracket (connecting adapter).

The calibration kit EFTC-CK is to be used together with a 50Ω termination kit, which is included in the delivery of BCK400F, and an oscilloscope with a bandwidth >400MHz.

## Usage:

The coupling clamp EFTC2012 is connected to the direct output of a burst generator. The transducer plate is inserted into the coupling clamp and a 50Ω terminator is connected to its output. A test voltage of 2000V is output at the burst generator and the following parameters must be detected on the connected oscilloscope:

Rise time: 5ns ± 1,5ns  
Pulse duration: 50ns ± 15ns  
Peak voltage: 1000V ± 200V

TECHNICAL SPECIFICATIONS:	EFTC-CK
Material	Aluminium, conductive
Dimensions	120mm x 1050mm
Thickness	0,5mm
Isolation	Dielectric foil with a thickness of 0,5mm, all around
Isolation voltage	Min. 2,5kV – on all sides
Connection for 50 Ω	Fischer HV-bush Other contacts (BNC/ SHV) on request
Total length, set	1085mm (with adapter)
Weight	720g
Ambient temperature	0 – 40 ° Celsius
Relative humidity	0 – 60 %

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