BURST CALIBRATION KIT

BCK 400 F 2

Burst Calibration Kit

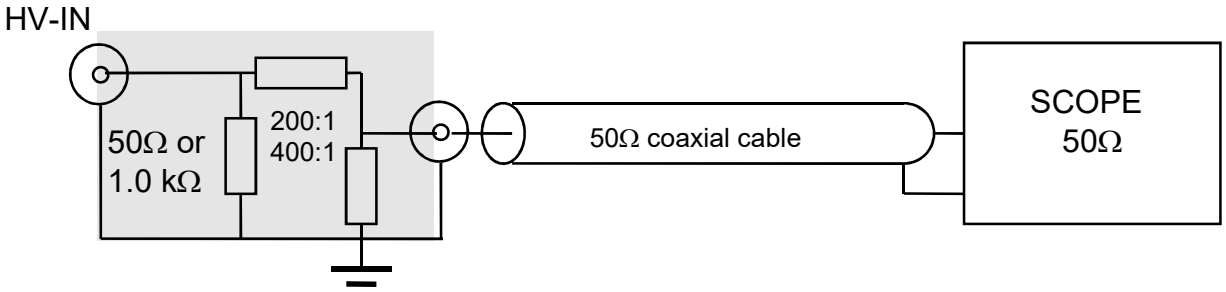
According to
IEC 61000-4-4 : 2012

The Burst Calibration Kit has been designed to measure the pulse output voltage and the pulse output current of burst generators, e.g. the EFTG 4510 or the burst generator sub-unit of the Multi-CE5. It essentially consists of a load resistor, a pulse voltage divider and a double shielded coaxial cable.

There are two networks included in the burst calibration kit, one with a 50 Ω input impedance (type A) and one with 1.0 kΩ input impedance (type B). The divider ratio of type is 200:1 and type B is 400:1.

The broad-band pulse voltage dividers included in the burst calibration kit are state-of-the-art measuring equipment whose excellent high-frequency transmission characteristics can be fully exploited only if properly operated and if all aspects typically encountered in the nanosecond time region, e.g. appropriate grounding, transmission line characteristics of leads, are fully considered.

Burst Calibration Kit: BCK 400 F 2



Technical specification	BCK 400 F 2
Input voltage, 5/50 ns wave form	5 kV max
Input power dissipation	2.5 W
Input impedance, type A	50 Ω ± 2 %
Input impedance, type B	1.0 kΩ ± 2 %
Divider ratio, type A	200:1 ± 1 %
Divider ratio, type B	400:1 ± 1 %
Bandwidth	± 1dB: 0 - 100 MHz
	± 3dB: 100 - 400 MHz