

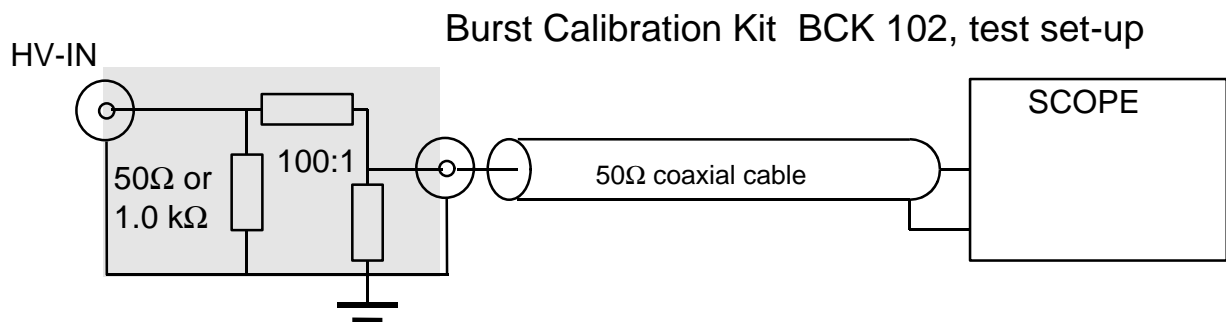
# BURST CALIBRATION KIT

# BCK 102

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 4510c or the burst generator sub-unit of the CE-TESTER. 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  $\Omega$  input impedance and one with 1.0 k $\Omega$  input impedance. The divider ratio is 100:1 in both cases.

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.



## Technical specification

## BCK 102

Input voltage, 5/50 ns wave form	4.5 kV max
Input power dissipation	2.5 W
Input impedance, type A	50 $\Omega \pm 5\%$
Input impedance, type B	1.0 k $\Omega \pm 5\%$
Divider ratio	100:1 $\pm 1\%$
Bandwidth	0 - 100 MHz
Rise time	< 3.5 ns