

# Short Circuit Jig for Current Transformers

This adapter can be used for the measurement of the short circuit current at the end of a high voltage 50 ohm line. It is for instance required by the standard MIL-STD 188-125 for the calibration of the charge line generator. Different types of current transformers (current probe) can be placed into the jig depending on the current and frequency range. One jig is designed for probes up to an external diameter of 62 mm and the other model is for 92 mm diameter



## SPECIFICATIONS

Type	HVCC50K62	HVCC50K92
Maximum diameter of the probe	62 mm	92 mm
Impedance of the connector	50 ohm	50 ohm
Stray inductance, with a 500 MHz CT	23 nH	30 nH
Frequency range	100 MHz	90 MHz
Type of connector	HVM50K-CA (male)	HVM50K-CA (male)
Maximum current (10 ns pulse)	about 1 kA	about 1 kA
Maximum pulse voltage (for pulses shorter than 1 ns)	75 kV	75 kV
Dimensions (L x H x W)	66 x 66 x 58 mm	95 x 66 x 58 mm
Weight	450 g	550 g