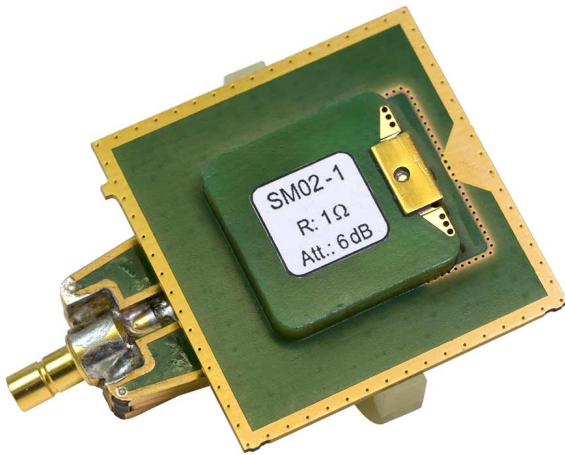


# SM 02-1

Shunt 1 Ohm



## Short description

The SM 02-1 shunt is designed to measure faster transient current pulses up to 4 GHz. With the SM 02-1, the disturbing pulse of a disturbance generator can be measured, e.g. Burst/EFT generators or ESD generators.

The shunt is a passive measurement device. It transforms RF current into the measuring voltage UAV. The shunt is designed for connection with spectrum analyzers, oscilloscopes or comparable measurement devices.

## Technical parameters

Frequency range	DC ... 4 GHz
Input resistance	1 $\Omega$
Output resistance	50 $\Omega$
Continuous power rating	
Burst sequences IEC 61000-4-4	5 / 50 ns
Burst repetition	300 ms
Impulses per burst	100
Pulse frequency	500 kHz
Current	150 A
Measuring output	50 $\Omega$ , SMB
RMS Power	3 W
Correction factor	6 dB
Single pulse capacity 5/50 ns, 1/60 ns	150 A