

# SM 02-01

Shunt 0.1 Ohm



## Short description

The SM 02-01 shunt is designed to measure faster transient current pulses up to 3 GHz. With the SM 02-01, 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.

It is recommended to use the shunt with the GND 25 ground plane and the GNDA 02 ground adapter.

## Technical parameters

<b>Frequency range</b>	DC ... 3 GHz
<b>Input resistance</b>	0.1 $\Omega$
<b>Output resistance</b>	50 $\Omega$
<b>Continuous power rating</b>	
Burst sequences IEC 61000-4-4	5 / 50 ns
Burst repetition	300 ms
Impulses per burst	100
Pulse frequency	500 kHz
Current	150 A
<b>Measuring output</b>	50 $\Omega$ , SMB
<b>Correction factor</b>	26 dB
<b>Single pulse capacity 5/50 ns, 1/60 ns</b>	360 A

Frequency response

