

# 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

<b>Frequency range</b>	DC ... 4 GHz
<b>Input resistance</b>	1 Ω
<b>Output resistance</b>	50 Ω
<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 Ω, SMB
<b>RMS Power</b>	3 W
<b>Correction factor</b>	6 dB
<b>Single pulse capacity 5/50 ns, 1/60 ns</b>	150 A