

# S603

1 Ohm, RF Current Probe, 0 kHz - 3 GHz acc. to IEC 61967-4



## Short description

The S603 probe is a 1  $\Omega$ -probe for direct measurement of high frequency (RF) current at IC pins. It is used to measure at supply pins (Vdd / Vss) and signal pins. The S603, 1Ohm probe is in compliance with the requirements of the DIN EN 61967-4 standard for a frequency range up to 3 GHz.

By means of an SMA - connection the probe can be easily connected to the IC test boards.

The S603 probe is designed for measuring on ground lines (Vss).

## Technical parameters

Frequency range	0 ... 3 GHz
Shunt resistance	1 $\Omega$
Adjustment Resistance	49 $\Omega$
Output resistance (no load)	50 $\Omega$
Transfer factor voltage $U_{out} / U_{in}$	-6 dB
Transfer factor Current $U_{out} / I_{in}$	-6 dB $\Omega$
Max. power dissipation	2.5 W
Connectors	50 $\Omega$ , SMA
Weight	42 g
Sizes (L x W x H)	(60 x 45 x 14) mm