



Short description

The HFI 02 RF current transformer is designed for the RF measurement of signal lines. Therefore a small metal bracket (associated equipment) is fixed inside the device under test (ground). The RF current transformer is fastened to the small metal bracket and the current to be measured is led through the transformer via a copper wire. The transformer couples a voltage to its 50 ohm SMB output. Common mode currents and sheath currents are attenuated in the transformer shaft.

The RF transformer is particularly suitable for the dimensioning of signal line filters, which are led via a connector. Furthermore it is suitable for the measurement of RF currents of single input and output pins respectively Vcc and ground pins of ICs. An optimal circuit dimensioning is possible and assembly emissions can be reduced.

Technical parameters

Frequency range	100 kHz - 3 GHz
Dielectric strength	15 V
Connector - output	50 Ohm, SMB
Signal line diameter	max 0.45 mm

Frequency response



Application

 Application