

R&S® HM6050-2 Line Impedance Stabilization Network

To meet relevant standards



The perfect choice for

EMI precompliance measurements in engineering lab

Remotely controlled EMI measurements for EMC diagnosis and precompliance

Key features

- Single-phase V-network to measure line-conducted interferences from 10 kHz to 30 MHz (based on CISPR 16, amplitude/frequency characteristics)
- Selectable transient limiter
- Artificial hand connector

Key specifications

Frequency range	10 kHz to 30 MHz
Max. current	16 A
Line voltage	230 V
Line frequency	50 Hz to 60 Hz
Artificial hand	220 pF + 511 Ω

Your benefit	Features
Measurements in accordance with international standards	Meets VDE 0876 and CISPR Publ. 16 standards
Complete functionality	Contains air core inductance coils and features an artificial hand and a PE simulating network that can be bridged

► For more information,
see www.rohde-schwarz.com/product/HM6050

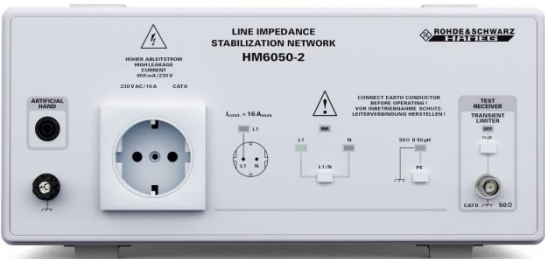
General information

- The HM6050-2 line impedance stabilization network (LISN) is basically a filter network
- A lowpass filter connects the DUT to the AC power lines.
- The LISN presents the signal with a well-defined impedance
- For measurements with a spectrum analyzer/EMC receiver, the EMC signal is available after having passed through a highpass filter.
- Two identical networks provide the asymmetric noise emission signals of the DUT’s L1 and N power lines
- The user can choose between the signals; the selected signal will be available at the HM6050-2’s test signal output

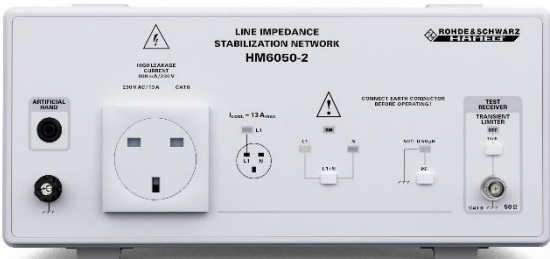
Ordering information

Model configuration information	
Description	Model
Line impedance stabilization network, EU version	R&S®HM6050-2D
Line impedance stabilization network, UK version	R&S®HM6050-2UK
Line impedance stabilization network, US version	R&S®HM6050-2US

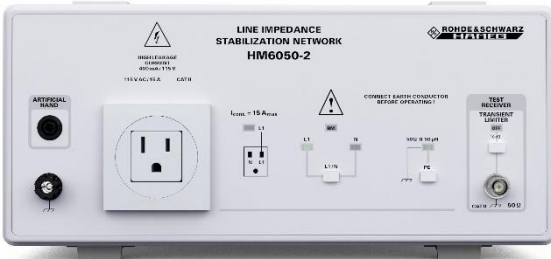
Included accessories:
The R&S®HM76050-2 include operating manual, power cable, and three-year warranty.



EU version



UK version



US version

Rohde & Schwarz Representative

Rohde & Schwarz GmbH & Co. KG
Europe, Africa, Middle East | +49 89 4129 12345
North America | 1 888 TEST RSA (1 888 837 87 72)
Latin America | +1 410 910 79 88
Asia Pacific | +65 65 13 04 88
China | +86 800 810 82 28 | +86 400 650 58 96
www.rohde-schwarz.com
customersupport@rohde-schwarz.com

R&S® is a registered trademark of Rohde & Schwarz GmbH & Co. KG
PD 5215.3533.32 | Version 01.00 | July 2017 (ks)
Trade names are trademarks of the owners
R&S®HM6050-2 Line Impedance Stabilization Network
Data without tolerance limits is not binding | Subject to change
© 2017 Rohde & Schwarz GmbH & Co. KG | 81671 Munich, Germany