ROHDE&SCHWARZ
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# R&S®HM6050-2 LINE IMPEDANCE STABILIZATION NETWORK


## The perfect choice for

EMI precompliance measurements in engineering lab

Remotely controlled EMI measurements for EMC diagnosis and precompliance

| 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 |

## 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

| 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 |

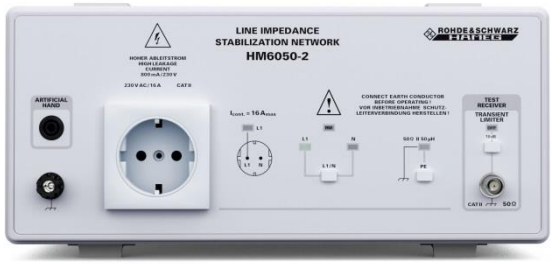
For more information:
www.rohde-schwarz.com/catalog/HM6050

## General information

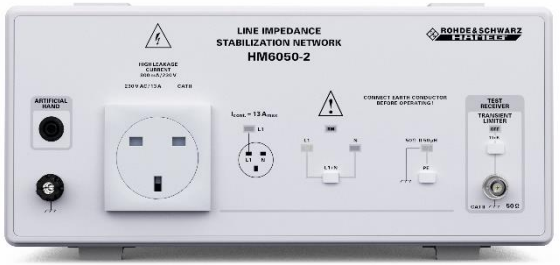
- ► The HM6050-2 line impedance stabilization network (LISN) is basically a filter network
- ► A lowpass filter connects the DUT to the AC power lines.
- ► The LISN presents the signal with a well-defined impedance
- ► For measurements with a spectrum analyzer/EMC receiver, the EMC signal is available 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

| Model configuration | |
|---|---|
| **Description** | **Item** |
| 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 |

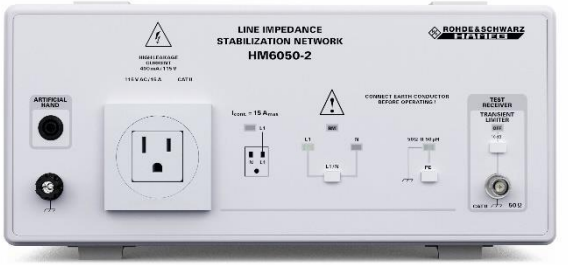
**Included accessories:**
The R&S®HM76050-2 include operating manual, power cable, and three-year warranty.




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
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