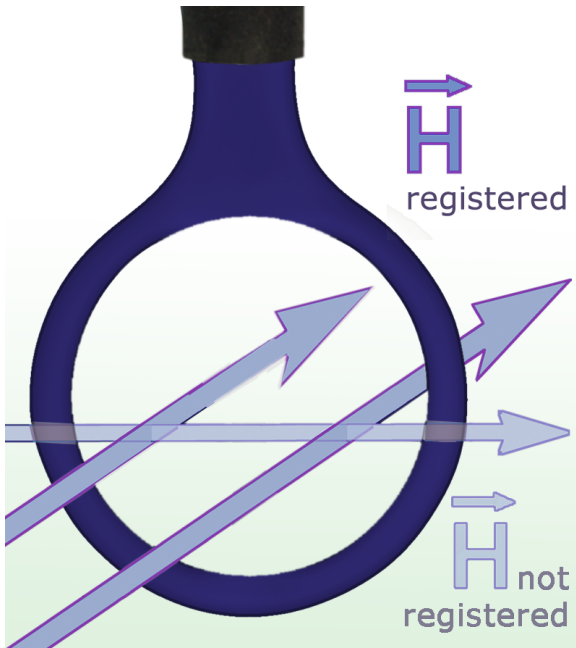


LF-R 400

H-Field Probe 100 kHz up to 50 MHz



Short description

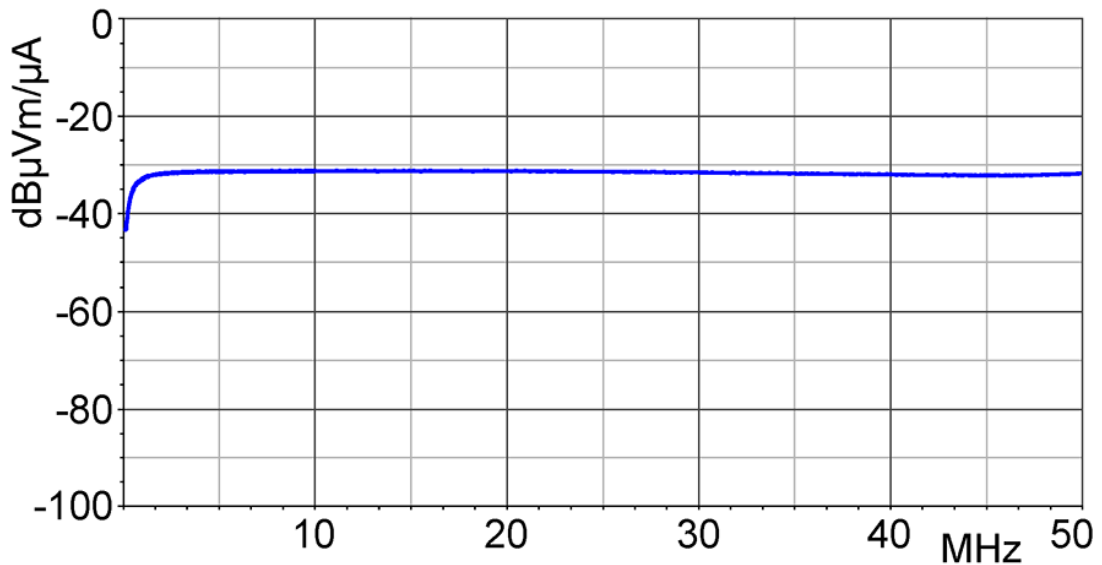
The LF-R 400 H-field probe has a large diameter (25 mm), which makes it highly sensitive and suitable for measurements within ranges up to 10 cm around assemblies and devices.

The LF-R 400 is a passive near-field probe. With its large tip diameter (25 mm), it is more sensitive and thus is able to detect a greater area of the magnetic field than the LF-R 50 (10 mm) or LF-R 3 (3 mm) near-field probes, which both have higher resolutions than the LF-R 400. This probe is small and handy. It has a current attenuating sheath and, therefore, is electrically shielded. It can be connected to a spectrum analyzer or an oscilloscope with a 50 Ω input. The H-field probe does not have an internal terminating resistance of 50 Ω .

Technical parameters

Frequency range	100 kHz ... 50 MHz
Probe head dimensions	\varnothing 25 mm
Connector - output	SMB, male, jack
Weight	15 g

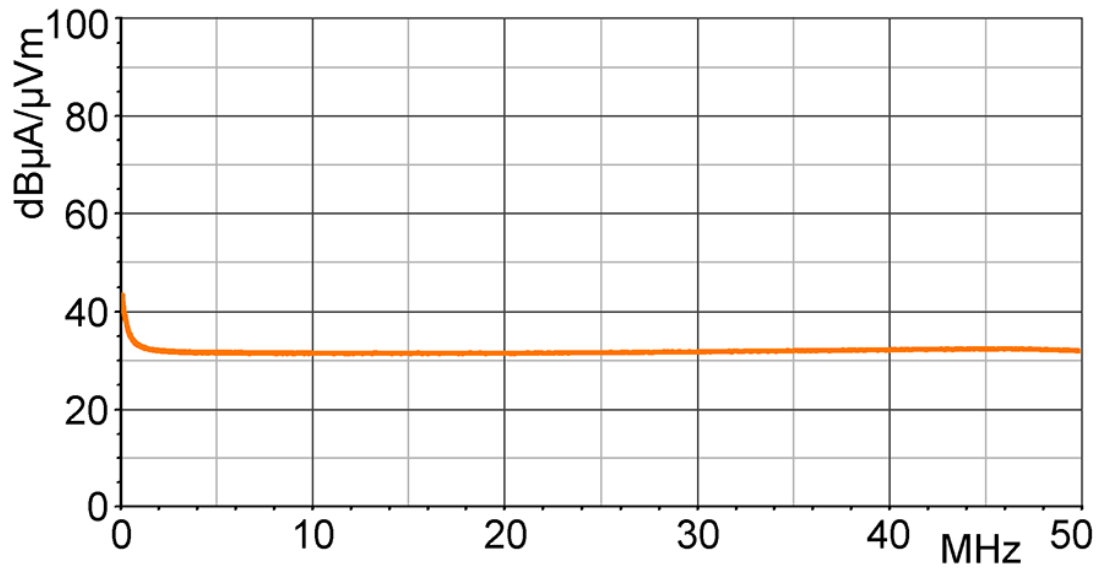
Frequency response [dB μ V] / [dB μ A/m]



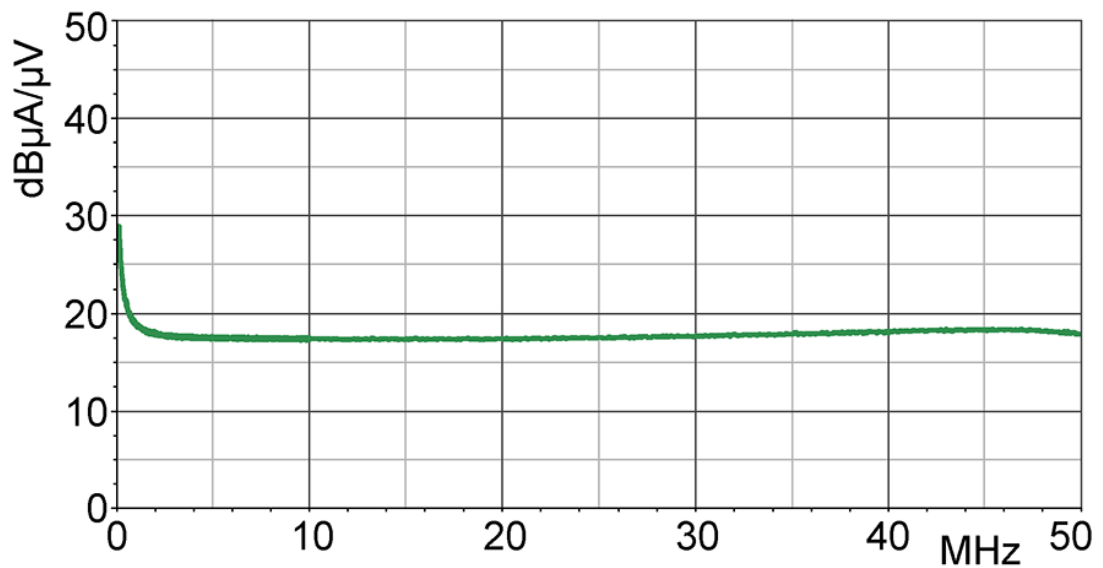
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H-field correction curve [dB μ A/m] / [dB μ V]



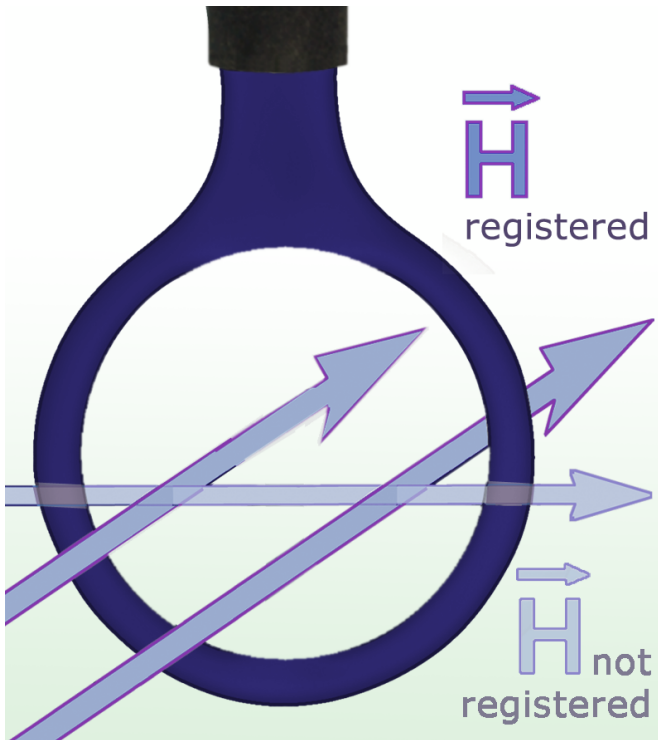
Current correction curve [dB μ A] / [dB μ V]



LF-R 400

H-Field Probe 100 kHz up to 50 MHz

Measuring principles



Probe head

