

# LF-U 2.5

磁场探头 (100KHz-50MHz)



## Short description

LF-U2.5型磁场探头是一个近场探头，适用于选择性检测导线、SMD元件和集成电路引脚中的高频电流。这个探头顶端有一个约0.5mm宽的磁场敏感缺口。

The LF-U 2.5 is a near-field probe. It functions like the LF-U 5 probe. While the LF-U 5 is suitable for larger components such as cable, connectors ect., the LF-U 2.5 is designed for SMD components and pins.

When measuring, the magnetically active gap of the probe head is positioned directly onto the measured object. The near-field 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  $\Omega$  input. The H-field probe does not have an internal terminating resistance of 50  $\Omega$ .

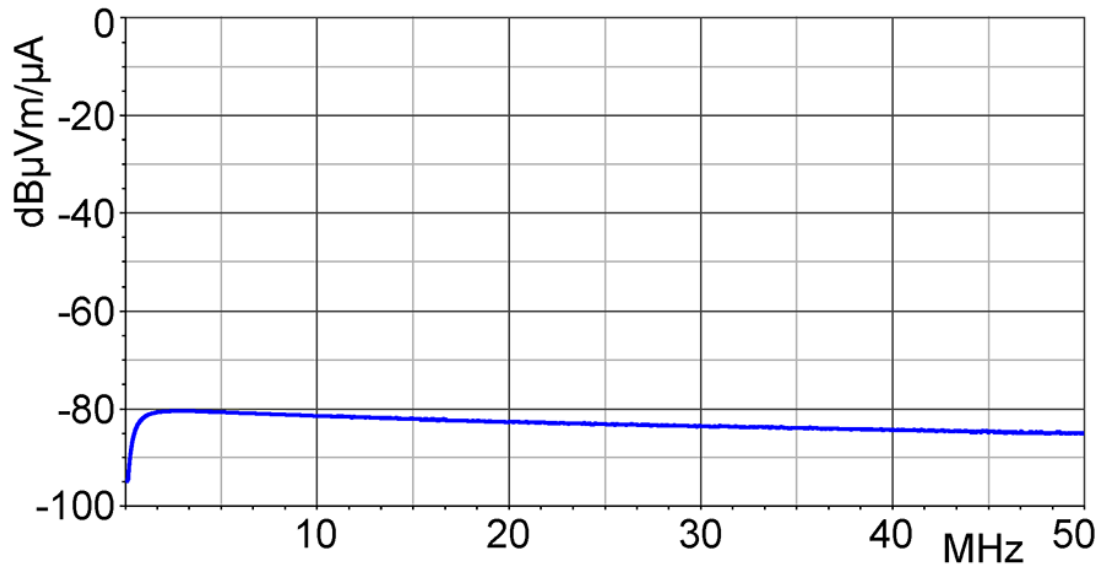
## Technical parameters

频率范围	100 kHz ... 50 MHz
分辨率	$\approx 0.5$ mm
探头尺寸	$\varnothing \approx 4$ mm
输出接口	SMB, male, jack
重量	15 g

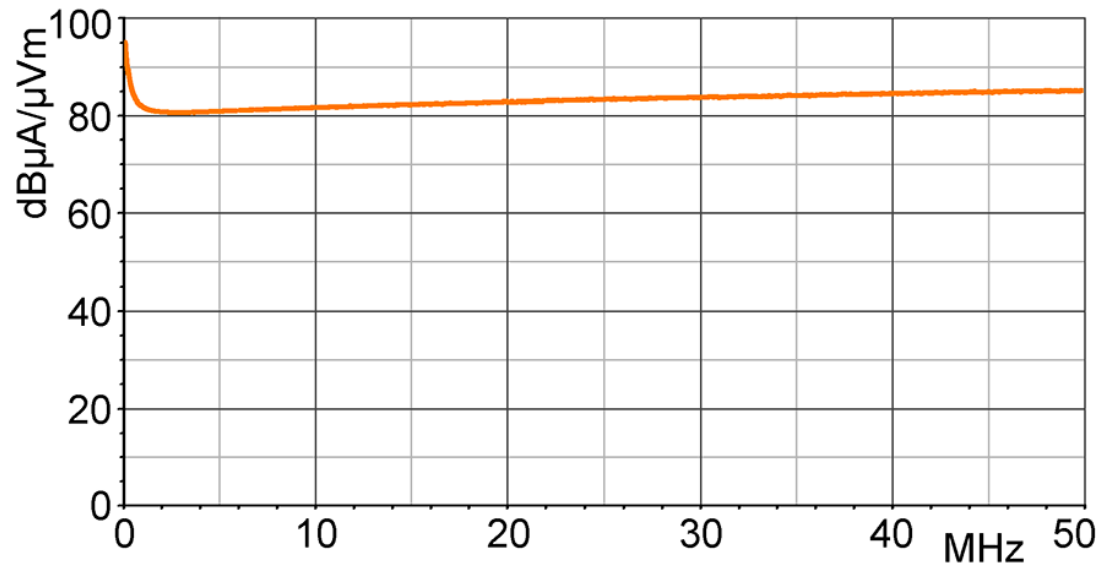
# LF-U 2.5

磁场探头 (100KHz-50MHz)

频率特性 [dB $\mu$ V] / [dB $\mu$ A/m]



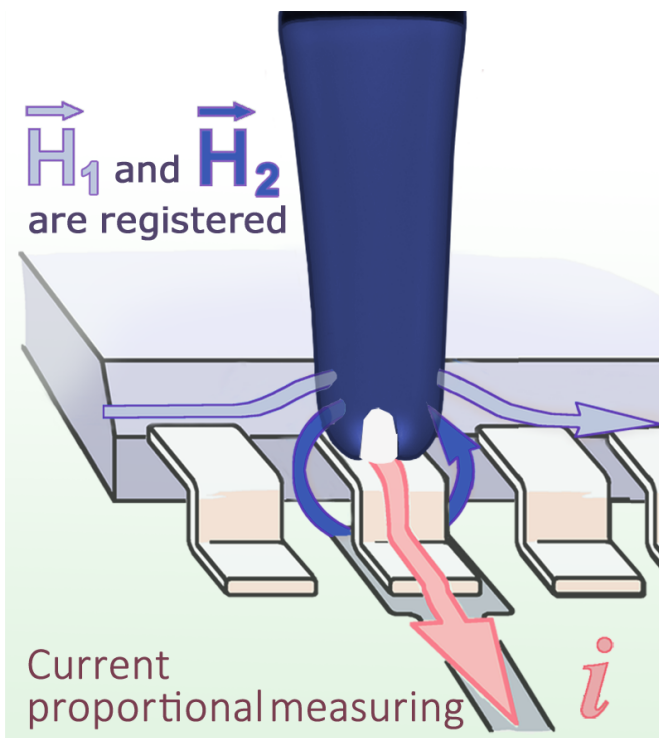
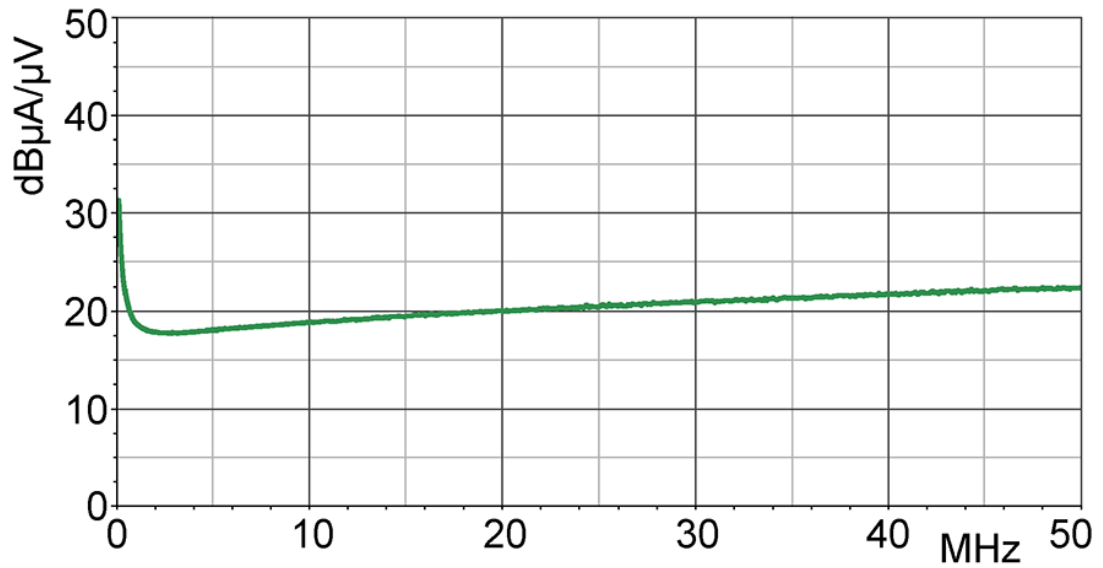
磁场校正曲线 [dB $\mu$ A/m] / [dB $\mu$ V]



# LF-U 2.5

磁场探头 (100KHz-50MHz)

电流校正曲线 [dB $\mu$ A] / [dB $\mu$ V]



# LF-U 2.5

磁场探头 (100KHz-50MHz)

Probe head

