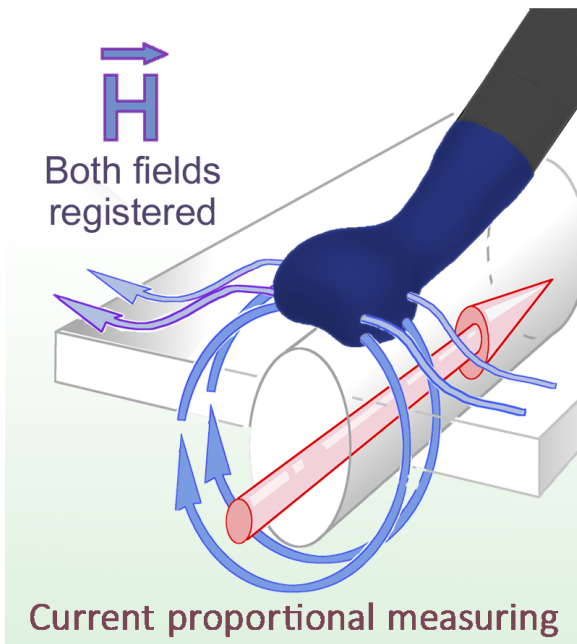


# LF-U 5

磁场探头 (100KHz-50MHz)



## Short description

LF-U5型磁场探头特别适合于检测宽的导线、电缆、端口、电子元件及其连接件处等产生的磁场。这种磁场探头的工作方式类似于电流钳。

The LF-U 5 is a passive near-field probe. To measure, the curved underside of the probe is positioned onto the surface of components. Field lines from other sources, which enter the probe straight or laterally, are also detected. 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  $\Omega$ .

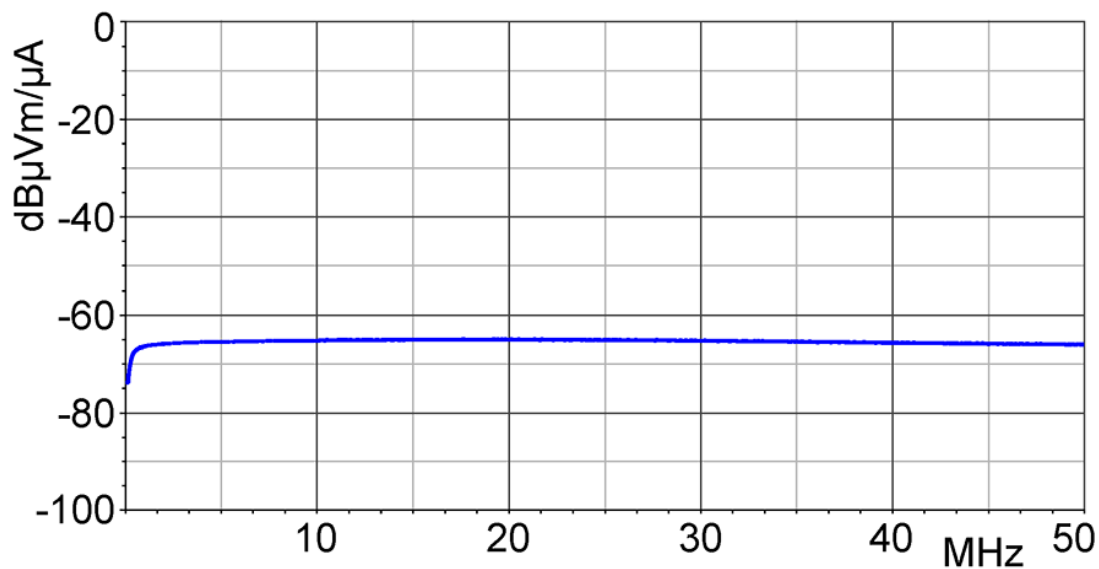
## Technical parameters

|      |                      |
|------|----------------------|
| 频率范围 | 100 kHz ... 50 MHz   |
| 分辨率  | $\approx$ 5 mm       |
| 探头尺寸 | $\approx$ (6 x 6) mm |
| 输出接口 | SMB, male, jack      |
| 重量   | 15 g                 |

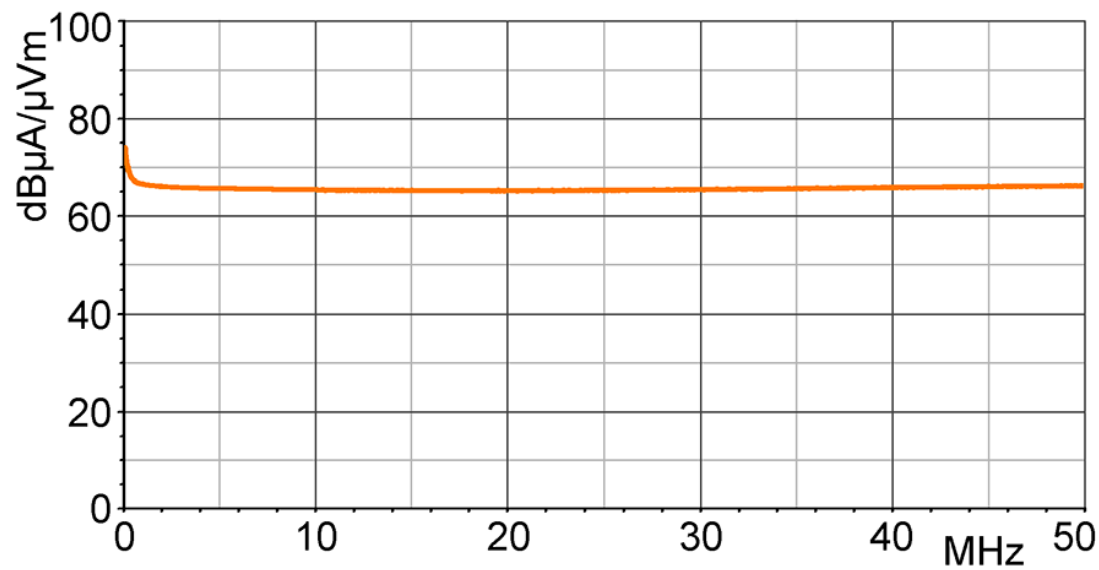
# LF-U 5

磁场探头 (100KHz-50MHz)

频率特性 [dB $\mu$ V] / [dB $\mu$ A/m]



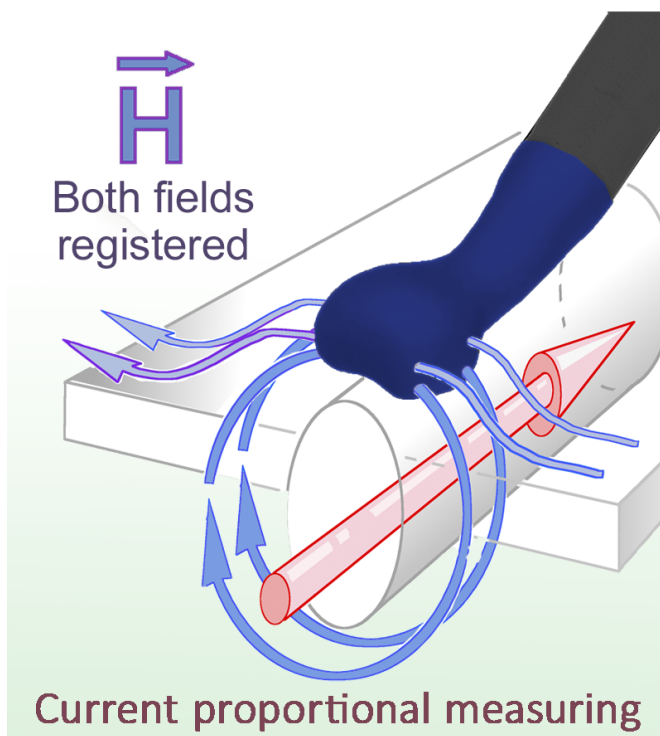
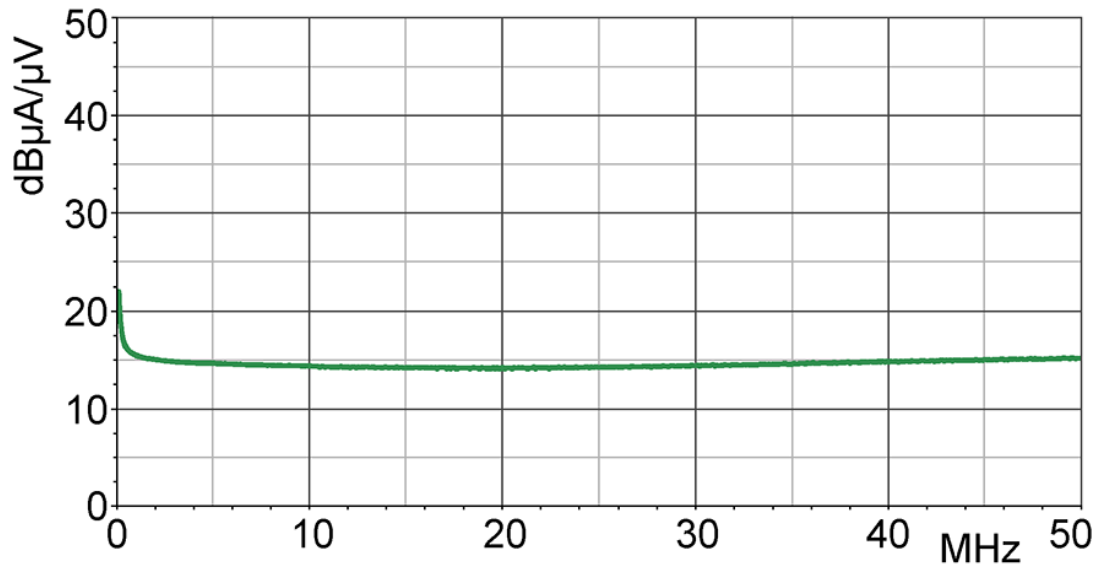
磁场校正曲线 [dB $\mu$ A/m] / [dB $\mu$ V]



# LF-U 5

磁场探头 (100KHz-50MHz)

电流校正曲线 [dB $\mu$ A] / [dB $\mu$ V]



# LF-U 5

磁场探头 (100KHz-50MHz)

Probe head

