

# LF Product family

Near-Field Probes 100 kHz up to 50 MHz



## Short description

The LF near field probe family consists of 7 shielded near field probes for making measurements in the development phase of RF magnetic field in the long wave, medium wave and short wave range of electronic assemblies. The probes are arranged to suit the customer's need.

The probe heads of the LF family allow for the step by step localization of interference sources on assemblies. At first the large and more sensitive probes detect electromagnetic interference of assemblies from a greater distance.

Subsequent probes of higher resolution locate interference sources more precisely. Field orientation and field distribution on an electronic assembly can be detected through trained use of the near field probe.

The near field probes are small and handy. They have a sheath current attenuation and are electrically shielded. They can be connected to a spectrum analyzer or an oscilloscope with a 50 Ω input. They do not have an internal terminating resistance.

## Scope of delivery

- 1x LF-B 3, H-Field Probe 100 kHz up to 50 MHz
- 1x LF-K 7, H-Field Probe 100 kHz up to 50 MHz
- 1x LF-R 3, H-Field Probe 100 kHz up to 50 MHz
- 1x LF-R 50, H-Field Probe 100 kHz up to 50 MHz
- 1x RF-R 400-1, H-Field Probe 30 MHz up to 3 GHz
- 1x LF-U 2.5, H-Field Probe 100 kHz up to 50 MHz
- 1x LF-U 5, H-Field Probe 100 kHz up to 50 MHz

## Technical parameters

|                 |                    |
|-----------------|--------------------|
| Frequency range | 100 kHz ... 50 MHz |
| Connector       | SMB, male, jack    |