

# MFA 02 set

## Micro Probes 1 MHz up to 1 GHz



### Short description

The MFA 02 set includes two high-resolution near-field micro probes used to measure low-frequency magnetic fields up to 1 GHz, e.g. at signal conductors (150 µm), SMD components (0603-0201) or IC pins. Each hand-guided MFA near-field micro probe has an integrated preamplifier. The amplifier stage (9 V, 100 mA) is powered via the BT 706 bias tee, which has an impedance of 50 Ohm. The near-field micro probes are connected via the BT 706 to a spectrum analyzer or an oscilloscope.

Langer EMV-Technik GmbH includes correction lines in the scope of delivery. With the help of the correction lines the probe's output voltage is converted into either the respective magnetic field or the current running through the conductor.

### Scope of delivery

- 1x MFA-R 0.2-75, Near-Field Micro Probe 1 MHz up to 1 GHz
- 1x MFA-K 0.1-30, Near-Field Micro Probe 1 MHz up to 1 GHz
- 1x BT 706, Bias Tee for Langer probes
- 1x SMA-SMA 1 m, SMA-SMA Measuring Cable
- 1x NT FRI EU, Power Supply Unit
- 1x MFA acc, Accessories
- 1x MFA case, System Case Near-Field Probes

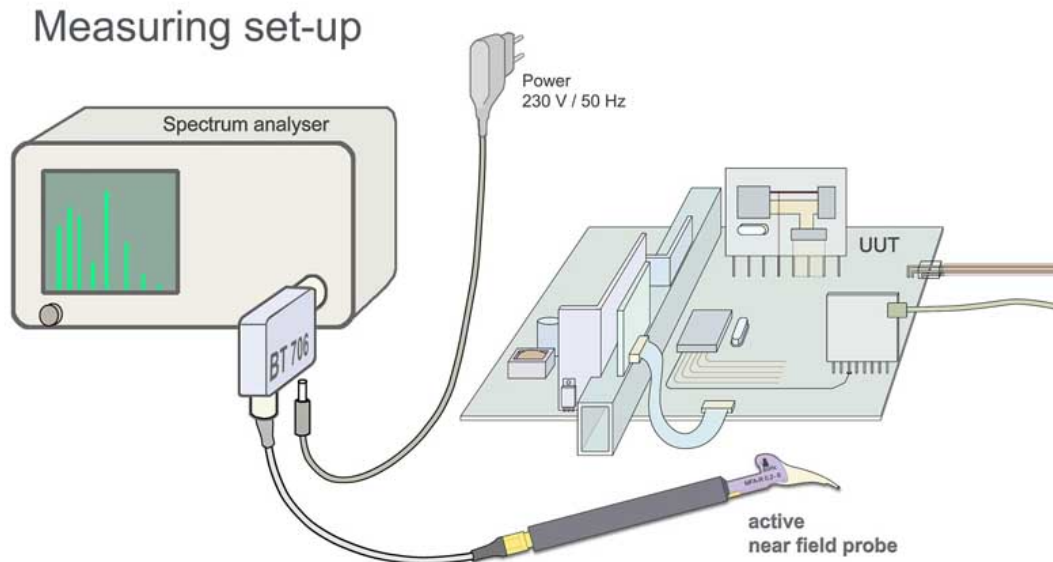
### Technical parameters

|                 |                 |
|-----------------|-----------------|
| Frequency range | 1 MHz ... 1 GHz |
| Resolution      | 200 µm          |

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Measurement set up with Bias tee BT 706



Application MFA-K 0.1-30



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Scope of delivery Set MFA 02



Micro probe MFA-K 0.1-30 with Bias-Tee BT 706

