

# RF Product family

## Near-Field Probes 30 MHz up to 3 GHz



### Short description

The RF family are passive field probes for measurements of the magnetic field in the development phase in the range from 30 MHz to 3 GHz. An individual probe set is compiled according to the customer`s need.

The probe heads of the RF family allow the step by step identification of interference sources on an assembly. We recommend initially the detection of interference sources on assemblies by using large sensitive probes from a larger distance. Next, using higher resolution probes, the interference sources can be more precisely detected. With trained use of the near field probes field orientation and field distribution on the electronic assembly can be detected. 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  $\Omega$  input. They do not have an internal terminating resistance.

### Scope of delivery

- 1x RF-E 02, E-Field Probe 30 MHz up to 1.5 GHz
- 1x RF-E 04, E-Field Probe 30 MHz up to 3 GHz
- 1x RF-E 09, E-Field Probe 30 MHz up to 3 GHz
- 1x RF-K 7-4, H-Field Probe 30 MHz up to 1 GHz
- 1x RF-B 3-2, H-Field Probe 30 MHz up to 3 GHz
- 1x RF-R 0.3-3, H-Field Probe mini 30 MHz up to 3 GHz
- 1x RF-R 50-1, H-Field Probe 30 MHz up to 3 GHz
- 1x RF-U 2.5-2, H-Field Probe 30 MHz up to 3 GHz
- 1x RF-E 03, E-Field Probe 30 MHz up to 3 GHz
- 1x RF-E 05, E-Field Probe 30 MHz up to 3 GHz
- 1x RF-E 10, E-Field Probe 30 MHz up to 3 GHz
- 1x RF-B 0.3-3, H-Field Probe mini 30 MHz up to 3 GHz
- 1x RF-B 50-1, H-Field Probe 30 MHz up to 3 GHz
- 1x RF-R 3-2, H-Field Probe 30 MHz up to 3 GHz
- 1x RF-R 400-1, H-Field Probe 30 MHz up to 3 GHz
- 1x RF-U 5-2, H-Field Probe 30 MHz up to 3 GHz

### Technical parameters

Frequency range	30 MHz ... 3 GHz
Connector	SMB, male, jack