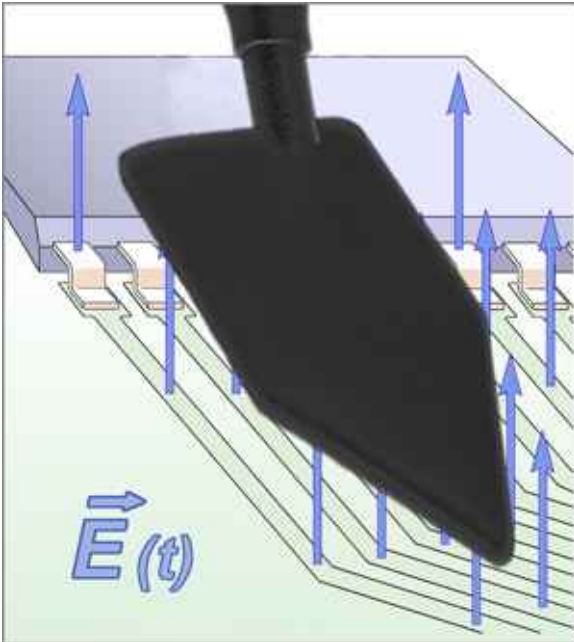


# RS-E 02

E-Field Probe 30 MHz up to 1.5 GHz



## Short description

The near field probe RF-E 02 detects electrical fields which are decoupled out of bus structures, larger components or supply surfaces. The electrode surface on the underside of the probe top is approx. 2 cm x 5 cm. The probe functions within distances of 1 cm - 2 cm from the component.

The RF-E 02 is a passive near field probe. In principle it has the same structure as the RF-E 05 and RF-E 10 probes. For measurements the under surface of the probe head is positioned close to the measured object. This allows the E-field which is emitted by an assembly to be detected. To achieve a higher resolution only the top of the probe head should be held toward the measured object. The near field probe is small and handy. It has a sheath current attenuation and 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  $\Omega$ .