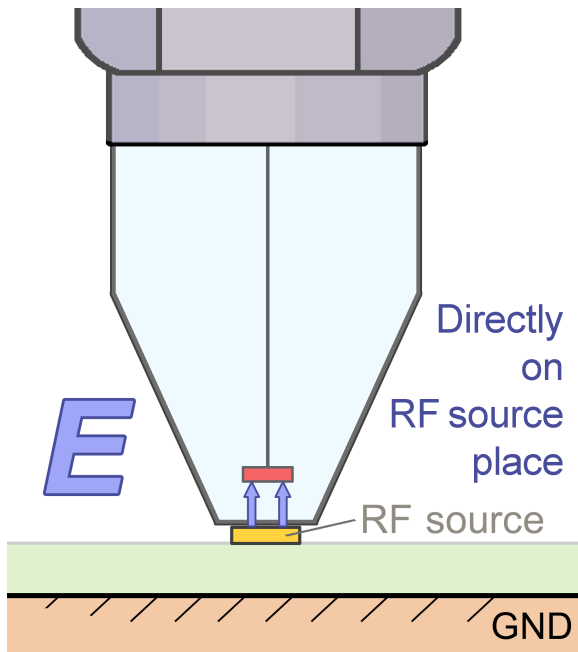


# HR-E 40-1

E-Field Probe up to 40 GHz



## Short description

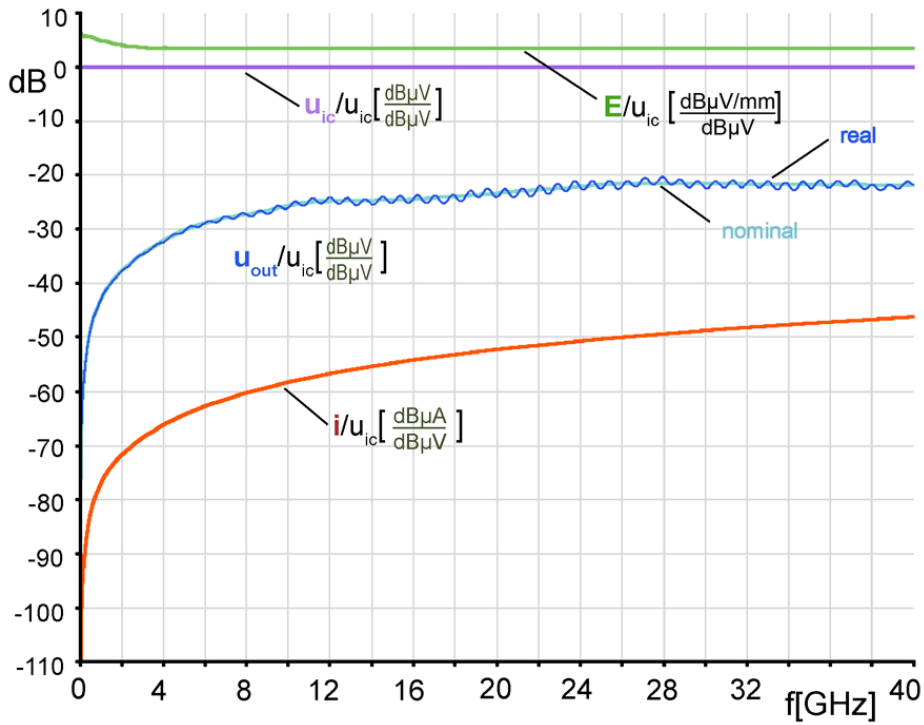
The HR-E 40-1 is a passive near-field probe for measuring electric fields up to 40 GHz.

The measuring tip is decoupled from the cable shield by special damping systems. In addition, the probe contains a current attenuator.

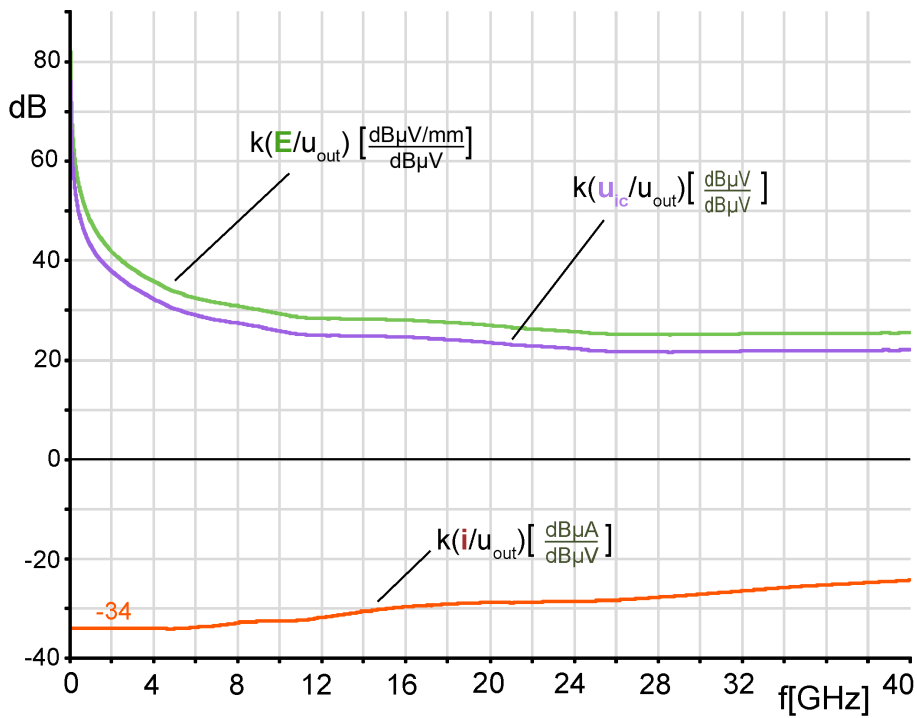
## Technical parameters

upper cut-off frequency	40 GHz
lower cut-off frequency	depending on measuring device
Resolution	0.2 mm
Inner distance of the measuring electrode to the measuring tip	0.5 mm
Output resistance	50 $\Omega$
Connector - output	2.92 mm (K), female, jack
Weight	19 g
Sizes (L x W x H)	(145 x 9 x 9) mm

Frequency response



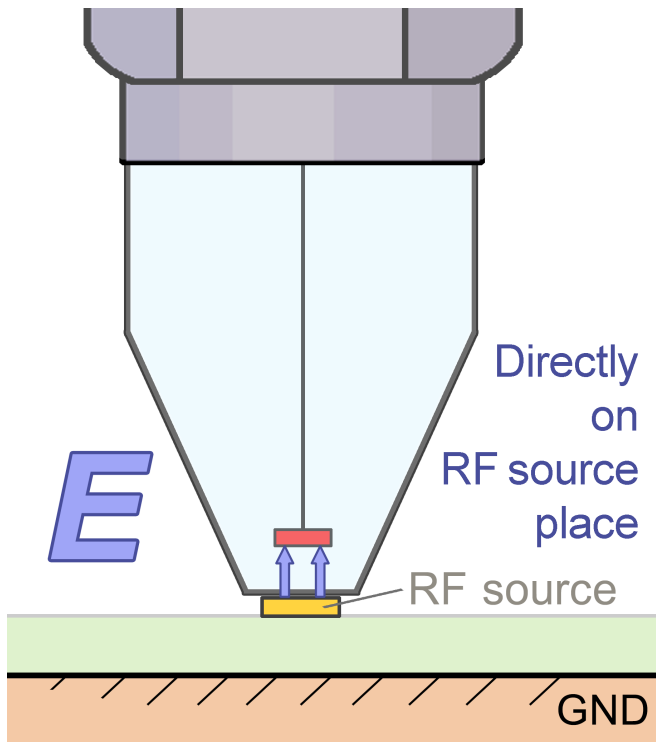
Correction curve



# HR-E 40-1

E-Field Probe up to 40 GHz

## Measuring principles



## HR-E 40-1 E-field probe head



# HR-E 40-1

E-Field Probe up to 40 GHz

HR-E 40-1 E-field probe in application

