HFU 02A

RF Voltage Transformer (Model A)

Short description

The HFU 02A is designed for measuring RF voltage at locations with high impedance signals, e.g. oscillator pins. Thus an optimal circuit dimensioning and a reduction of the assembly's emission are possible. The HFU 02A has a coupling capacity of approx. 18 pF and is therefore particulary suitable for measurements on assemblies in the automotive industry.

The low retroactivity of the device under test allows for, for example, an evaluation of a data line working at 100 MHz.

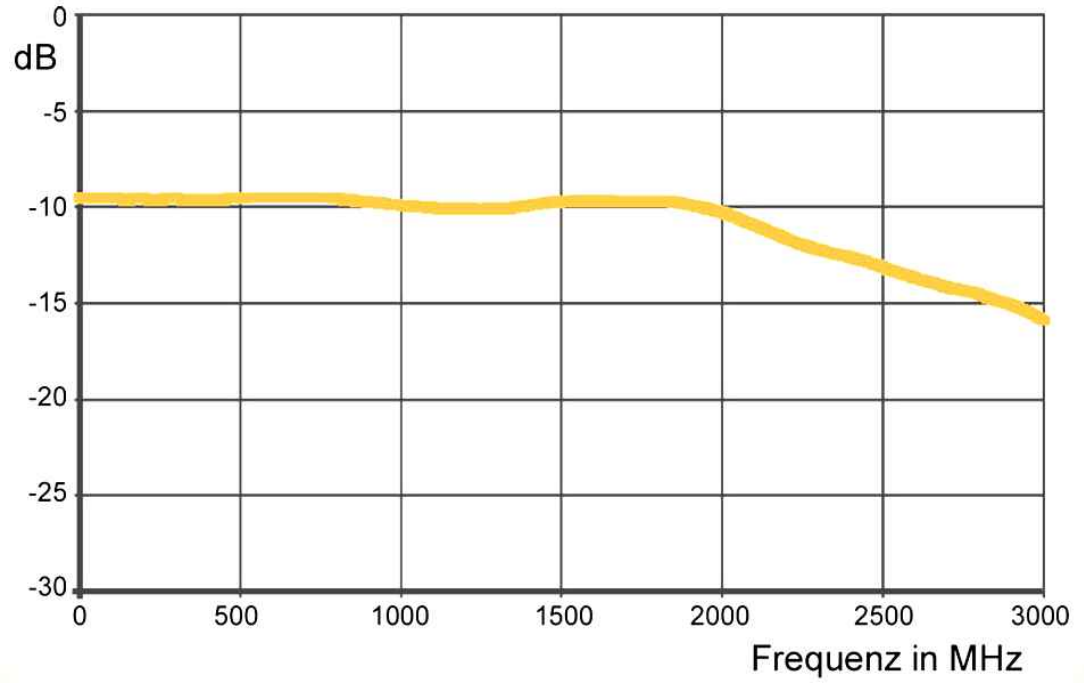
For measurement the HFU is connected to the GND of the assembly.

The included probe tip and both connecting cables are suitable for measurements up to approx. 500 MHz. For higher frequencies, connect the HFU 02A to a copper-enameled wire **for a short distance** (modification up to a coupling capacity of 10 pF possible).

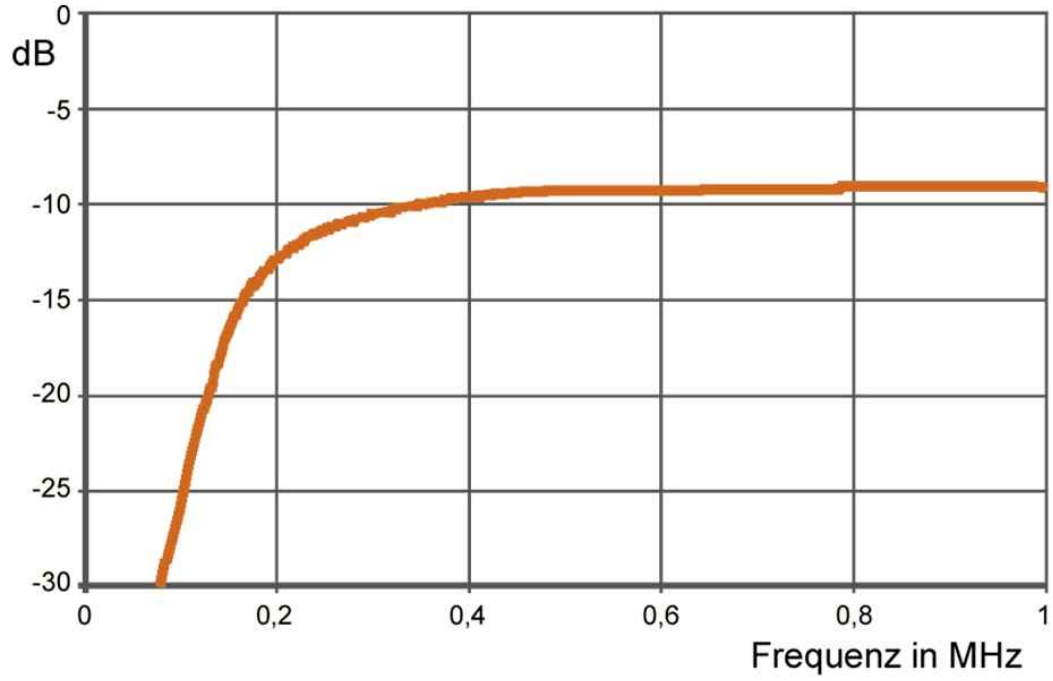
Technical parameters

Frequency range	10 MHz - 3 GHz
Transformation ratio	5:1
Dielectric strength	15 V
Connector - output	50 Ohm, SMB

Frequency response



Frequency response (detail)



Application