

# P512 set

RF Power Injection and Measurement IEC 62132-4 up to 12 GHz

**LANGER**  
EMV-Technik

**distrame**  
instruments de mesures électroniques



## Short description

The RF probe 12 GHz P512 is used for power injection (DPI) into IC pins according to IEC 62132-4.

Due to the special design of the probe tip, the probe can be used as a coupling network for DPI as well as an RF probe and thus DPI investigations and RF measurements up to 12 GHz can be performed.

\*\* Order coupling capacity as desired or limit externally.

The coupling capacitance of the integrated network can be adapted once to customer requirements. The contact detection signals the contact of the measuring tip with the DUT and thus helps to ensure correct measurement results.

## Scope of delivery

- 1x P512, RF probe
- 1x SMA-SMA 1m 18GHz HS, high performance microwave cable with SMA
- 1x NT FRI EU, Power Supply Unit

## Technical parameters

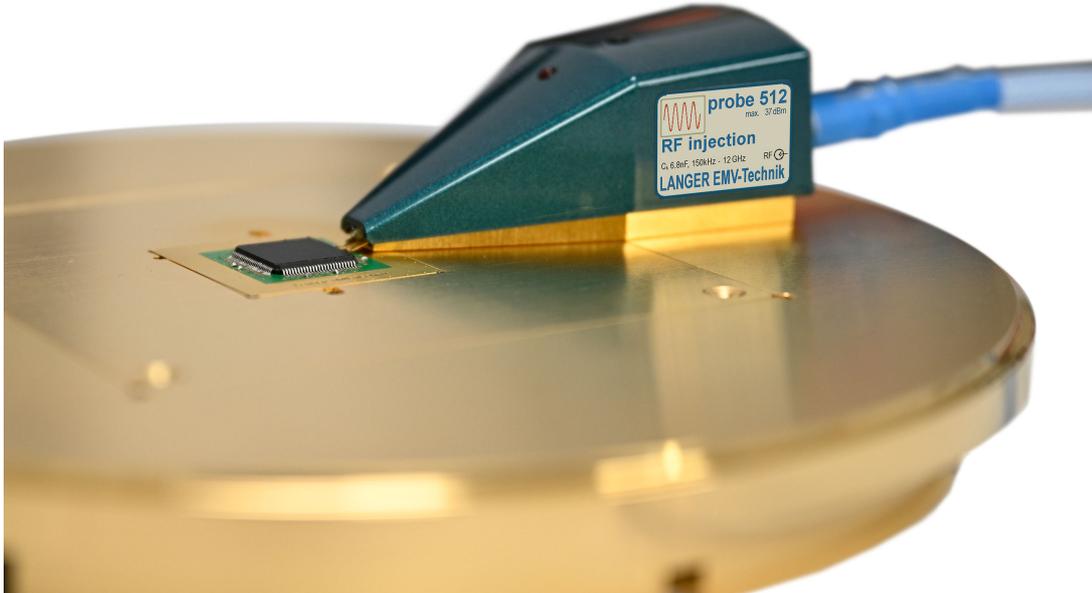
Frequency range	... 12 GHz
Supply voltage	12 V
Adjustment	50 Ohm
Coupling capacity	6.8 nF

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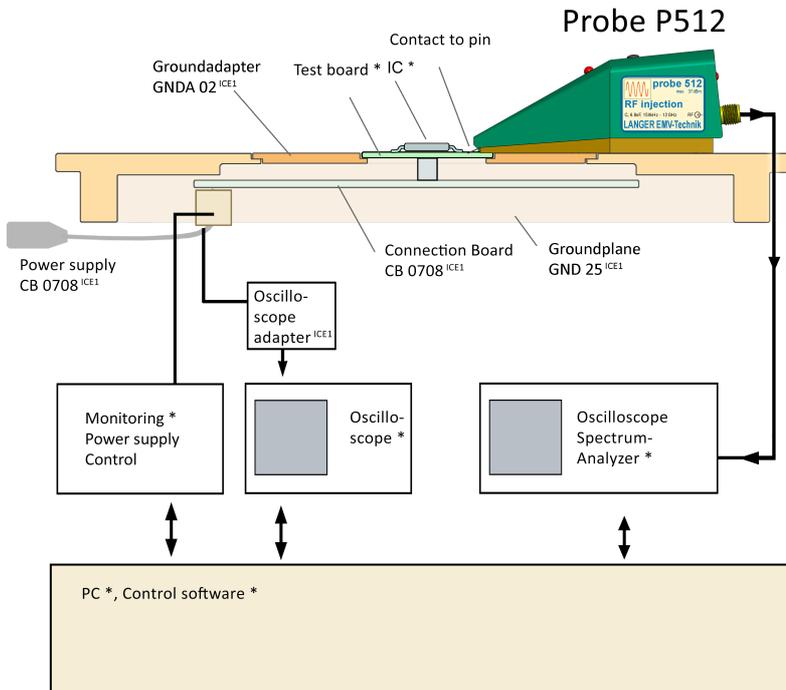
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DPI measurements with sample P512 on ground plane GND25



Schematic measurement setup for RF measurements with P512 probe

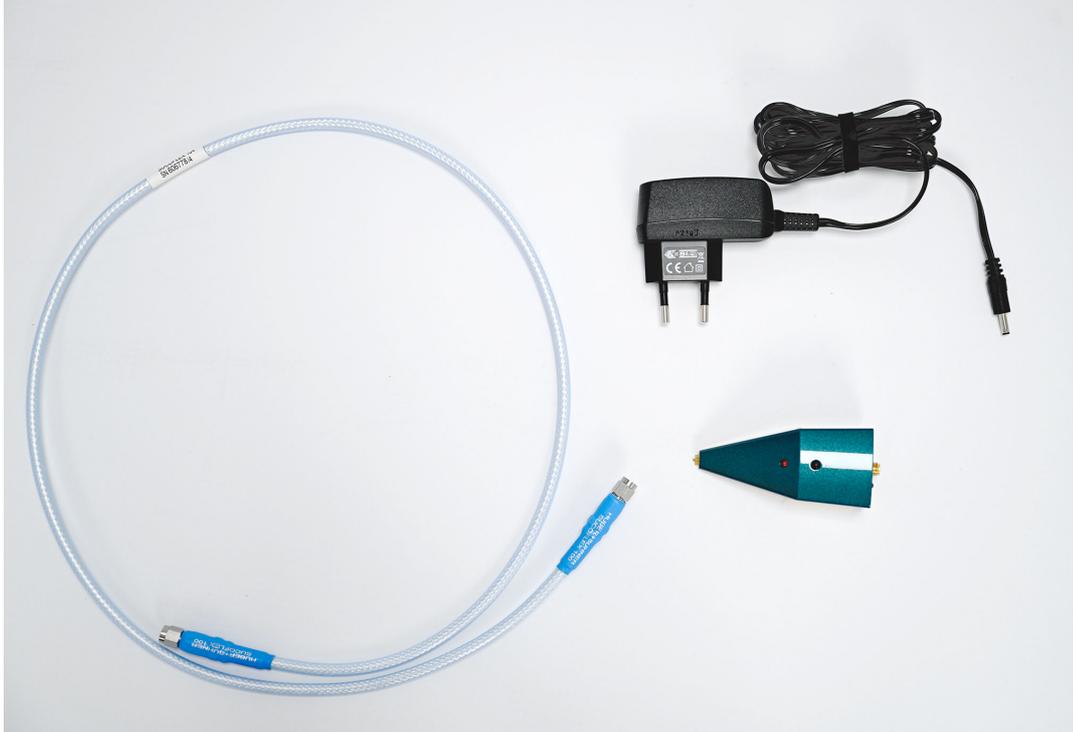


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## P512 set scope of delivery



## Schematic measurement setup with P512 probe

