

# PA 303 N

Preamplifier 100 kHz up to 3 GHz



## Short description

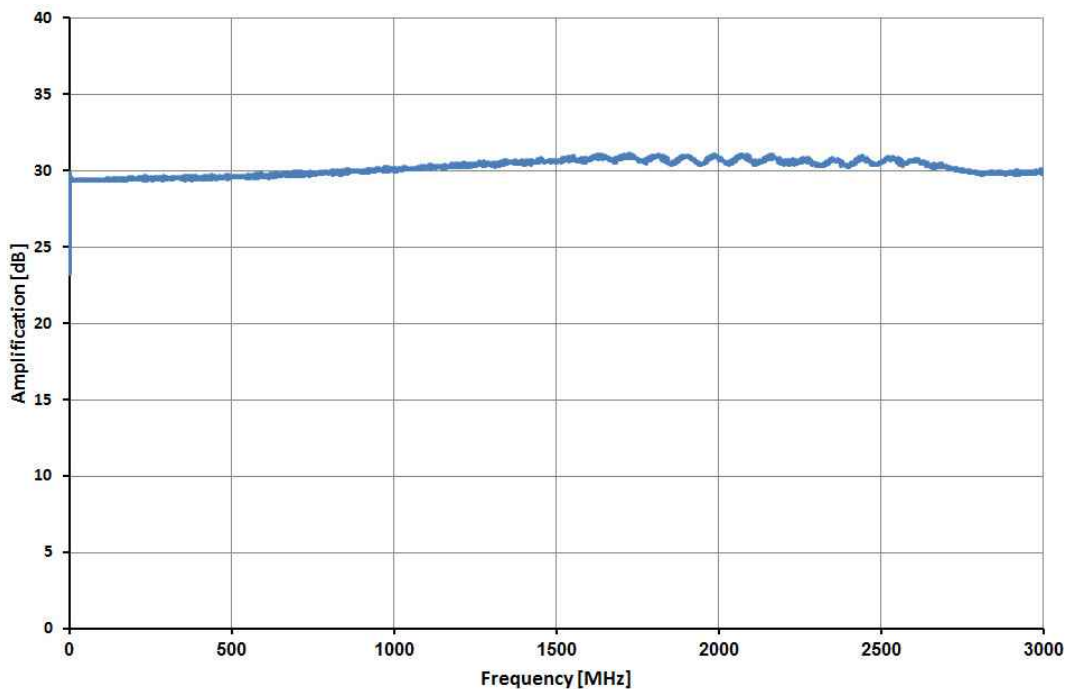
The PA 303 N preamplifier is designed for the amplification of measuring signals, e.g. weak signals of near-field probes with high resolution. The input and the output of PA 303 are implemented either as 50 ohm BNC (PA 303 BNC) or SMA connector (PA 303 SMA).

PA 303 is connected to the 50 ohm input of a spectrum analyzer or an oscilloscope. The power plug ensures the power supply of PA 303. The near-field probe is connected via the respective cable to the input of the preamplifier.

## Technical parameters

|                                 |                   |
|---------------------------------|-------------------|
| Frequency range                 | 100 kHz - 3 GHz   |
| Gain                            | 30 dB             |
| -1dB compression point (output) | 10 dBm            |
| Noise figure                    | 4.5 dB            |
| Supply voltage                  | 12 V DC           |
| Current input                   | 65 mA             |
| Max. input power                | +13 dBm           |
| Weight                          | 300 g             |
| Sizes (L x W x H)               | (57 x 47 x 26) mm |

Frequency response



Frequency response (detail)

