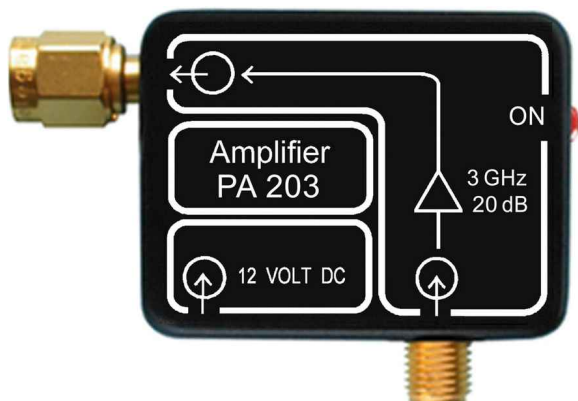


# PA 203 SMA

Preamplifier 100 kHz up to 3 GHz



## Short description

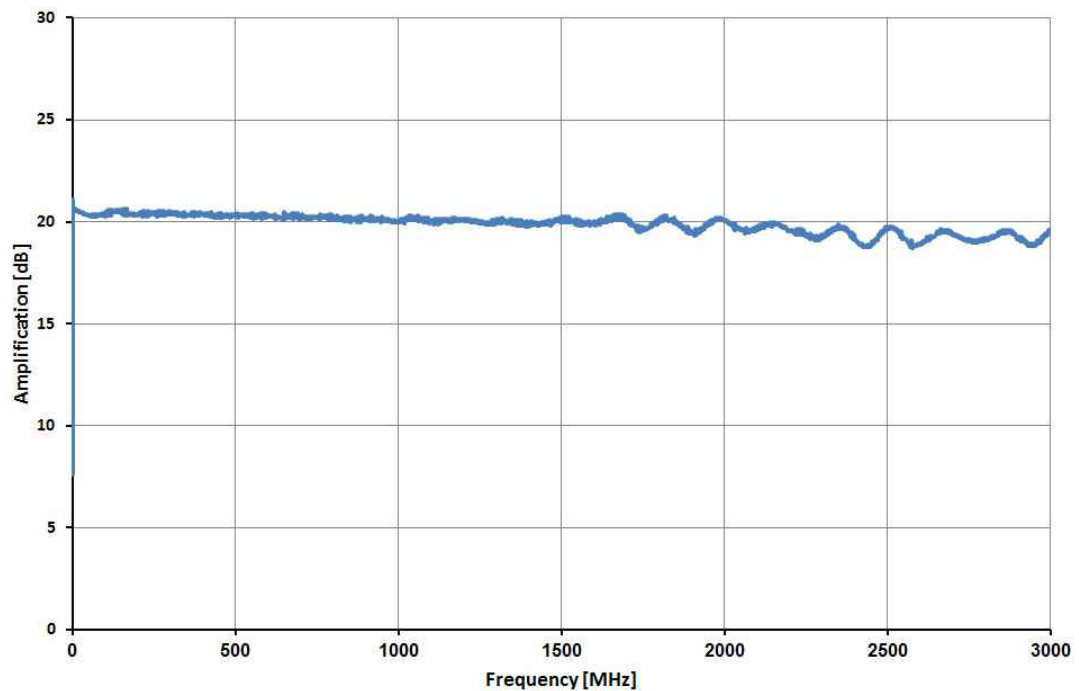
The PA 203 SMA preamplifier is designed for the amplification of measuring signals, e.g. weak signals of near-field probes with high resolution. For the input and the output of the PA 203 are either a 50 ohm BNC (PA 203 BNC) or SMA connector (PA 203 SMA) is used.

The PA 203 is connected to the 50 ohm input of a spectrum analyzer or an oscilloscope. The power plug ensures the supply of PA 203. 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                            | 20 dB             |
| -1dB compression point (output) | 0 dBm             |
| Noise figure                    | 4.5 dB            |
| Supply voltage                  | 12 V DC           |
| Current input                   | 50 mA             |
| Max. input power                | +13 dBm           |
| Weight                          | 35 g              |
| Sizes (L x W x H)               | (50 x 38 x 13) mm |

Frequency response



Frequency response (detail)

