PA 203 BNC

Preamplifier 100 kHz up to 3 GHz

Short description

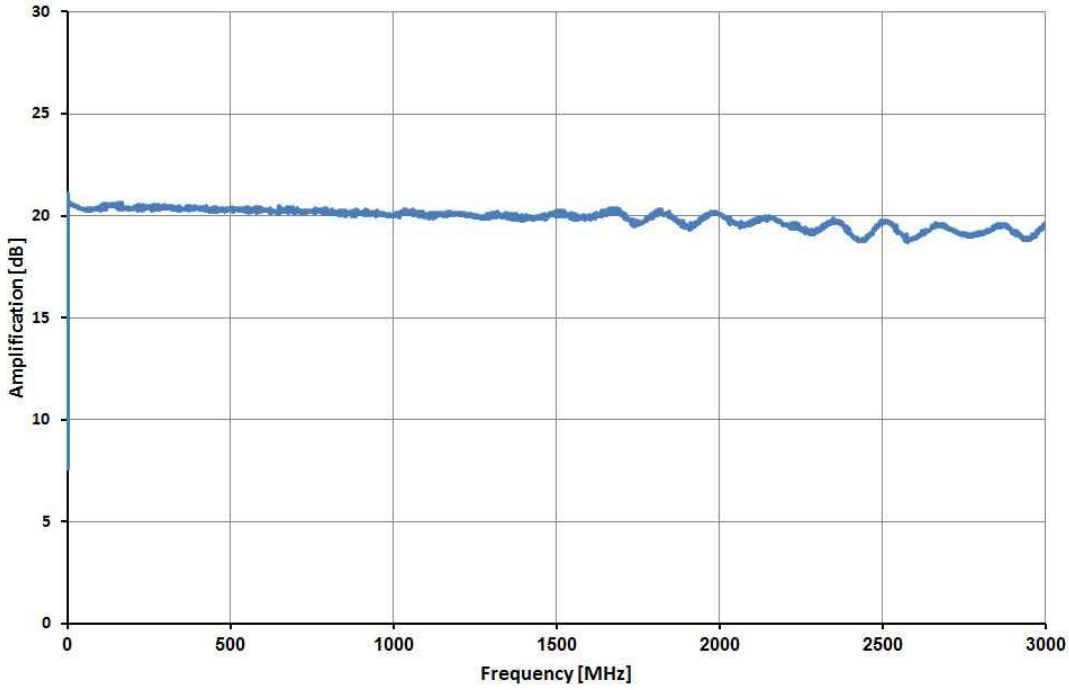
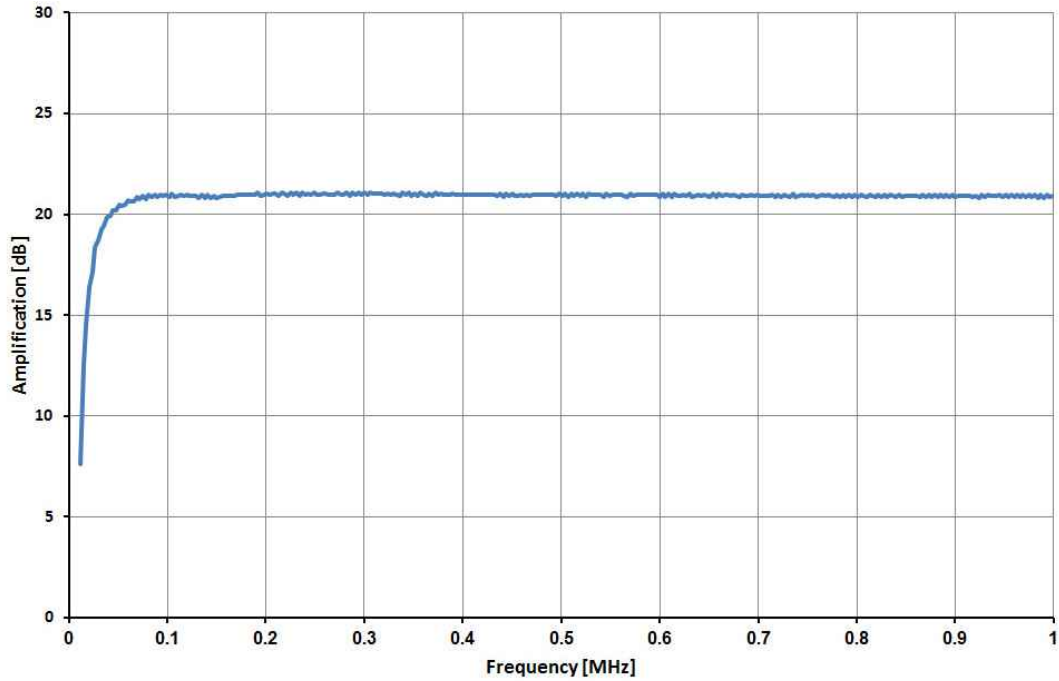
The PA 203 preamplifier is designed for the amplification of measuring signals, e.g. weak signals of high-resolution near-field probes. The input and the output of PA 203 are implemented as either 50 ohm BNC (PA 203 BNC) or SMA connector (PA 203 SMA).

PA 203 is connected to the 50 ohm input of a spectrum analyzer or an oscilloscope. The power plug ensures the power supply of the PA 203. The near-field probe is connected to the preamplifier's input via the respective cable.

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	40 g
Sizes (L x W x H)	(50 x 38 x 13) mm

Frequency response



Frequency response (detail)