

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)

