

# 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)

