

# PA 303 SMA

Preamplifier 100 kHz up to 3 GHz



## Short description

The PA 303 SMA 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 203 use either a 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 the 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	75 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)

