

# PA 303 BNC

Preamplifier 100 kHz up to 3 GHz



## Short description

The PA 303 BNC 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 303 are implemented either as 50 ohm BNC (PA 303 BNC) or SMA connector (PA 303 SMA).

The PA 303 is connected to the 50 ohm input of a spectrum analyzer or an oscilloscope. The power plug ensures the supply of 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	40 g
Sizes (L x W x H)	(50 x 38 x 13) mm

Frequency response



Frequency response (detail)

