

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)

