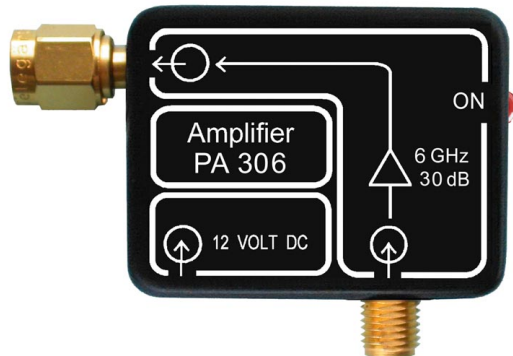


# PA 306 SMA

Preamplifier 100 kHz up to 6 GHz



## Short description

The PA 306 serves for amplifying weak measurement signals, for example from near-field probes or antennas. It is distinguished by its low noise output and high dynamic scope over a wide frequency range.

The PA 306 is to be used with the 50  $\Omega$  input of a spectrum analyzer or oscilloscope. The power is supplied to the PA 306 via the plug-in power supply unit. A near-field probe is connected to the input of the preamplifier with the corresponding cable.

## Technical parameters

Frequency range	100 kHz - 6 GHz
Gain	30 dB
-1dB compression point (output)	10 dBm
Noise figure	3 dB
Supply voltage	12 V DC
Current input	100 mA
Max. input power	+13 dBm
Weight	50 g
Sizes (L x W x H)	(50 x 38 x 13) mm

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Frequency response

