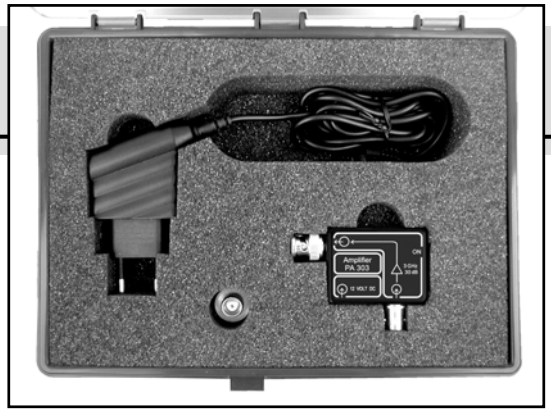


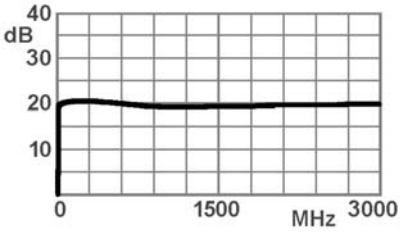
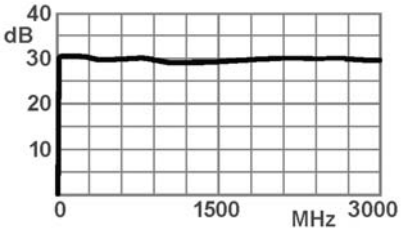
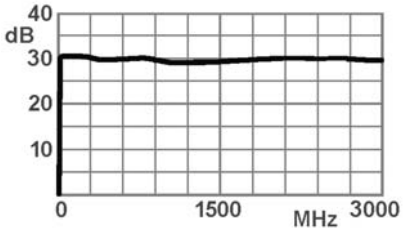
Preamplifier PA

LANGER
EMV-Technik

included in delivery:

Preamplifier	alternatively PA 203 / 303 / 303 N
Plug-in power supply unit	
Short instructions	
Case	240x185x50 mm

PREAMPLIFIER PA *FREQUENCY RANGE 100 KHZ TO 3 GHZ*

PA 203	PA 303	PA 303 N
50x38x13 mm	50x38x13 mm	57x47x26 mm
Frequency response **20 dB – 3 GHz** 	**Frequency response** **30 dB – 3 GHz** 	**Frequency response** **30 dB – 3 GHz** 

Use with type RF Near Field Probes

The measurement of high-frequency near fields directly on electronic modules aids in the reduction of disturbance emission. A preamplifier makes measurement with very small near field probes possible, while at the same time maintaining high sensitivity. Very weak fields, such as in the automobile area, can be measured with high spatial resolution.

Technical data

Operating voltage	7,5...18 V
Max. input power	+13 dBm
Noise figure	4,5 dB

Input and output of PA 303 are designed alternatively with 50 Ω BNC / SMA-connectors. The PA 303 N are constructed with N-connectors. So that it can be operated with any spectrum analyzer or oscillograph.

Caution:
Please note the <u>maximal</u> input direct voltage of <u>25 V DC</u> !

Disregarding this Warning may void the warranty!

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