Included in delivery:
Preamplifier PA 303
Plug-in power supply unit
Short instructions
Case (240x185x50) mm

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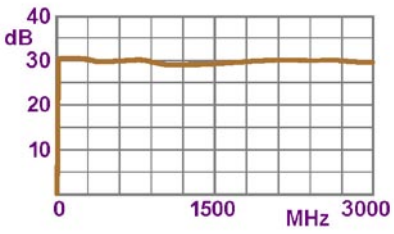
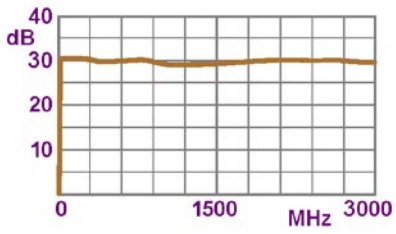
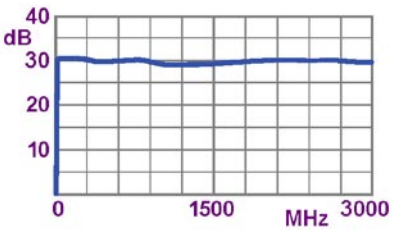
Technische Daten	PA 303	PA 303	PA 303
Connectors	SMA - SMA	BNC - BNC	N - N
Dimensions (W/H/D)	(50x38x13) mm	(50x38x13) mm	(57x47x26) mm
Amplifying	30 dB		
Noise figure	4.5 dB		
Current input	65 mA		
Operating voltage	7.5...18 V		
Max. input power	+13 dBm		
Max. input direct voltage	25 V DC		

PREAMPLIFIER PA 303

FREQUENCY RANGE 100 kHz to 3 GHz

PA 303 SMA - SMA	PA 303 BNC - BNC	PA 303 N - N
		
Frequency range 30 dB – 3 GHz	**Frequency range 30 dB – 3 GHz**	**Frequency range 30 dB – 3 GHz**
		

Use with 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.
The preamplifier on the spectrum analyzer‘s 50 ohm input boosts the measurement signal of the near-field probes by 30 dB. This enables small passive near-field probes to measure radio-frequency fields directly on an electronic module. RF sources ranging from 100 kHz to 3 GHz that are responsible for radiated emissions can thus be located with greater precision and these emissions reduced at their sources on the module.

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