

PPA - 100

Precision Preamplifier



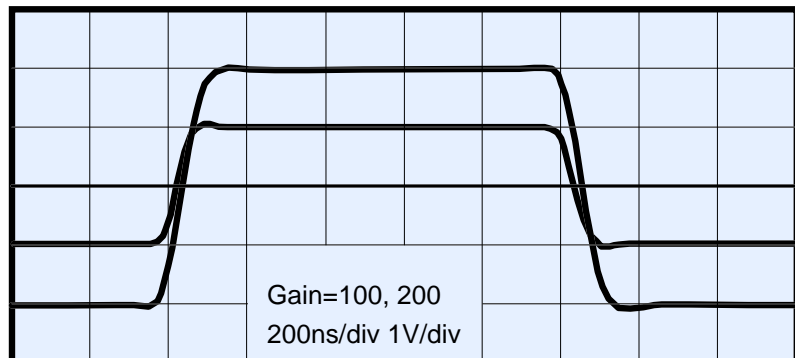
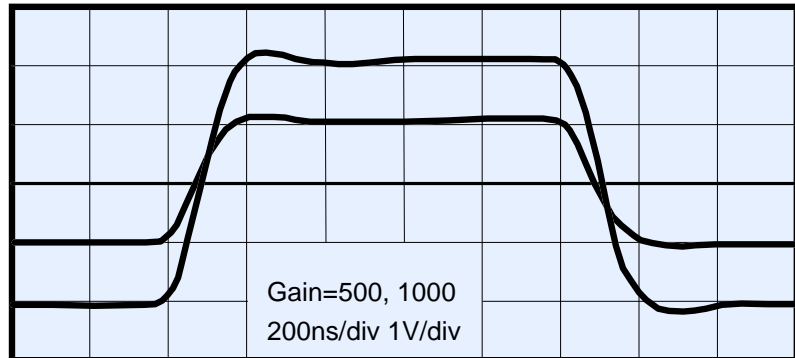
Bandwidth ($V_{out} < 2V$)	DC ... 2 MHz
Gain (Switch Selectable)	100 / 200 / 500 / 1000
Input Impedance (Other Values on Request)	1M Ω / 40 pF
Output Impedance	50 Ω
Input Offset Voltage (unadjusted)	< 0,3 mV
Input Current (25°C)	typ. 2 pA
Offset Voltage Drift	< 2.5 $\mu V / ^\circ C$
Input Voltage Noise (>1kHz)	5 nV / Hz ^{1/2}
Input Voltage Noise (100 Hz)	10 nV / Hz ^{1/2}
Input Current Noise (100 Hz)	4 fA / Hz ^{1/2}
Output Voltage Swing (Load 1k Ω , $V_s \pm 12V$)	$\pm 10 V$
Output Voltage Swing (Load 50 Ω , $V_s \pm 12V$)	$\pm 2 V$
Supply Voltages	$\pm 5 V$ to $\pm 15 V$
Input and Output Connectors	SMA
Dimensions	52 x 38 x 31 mm

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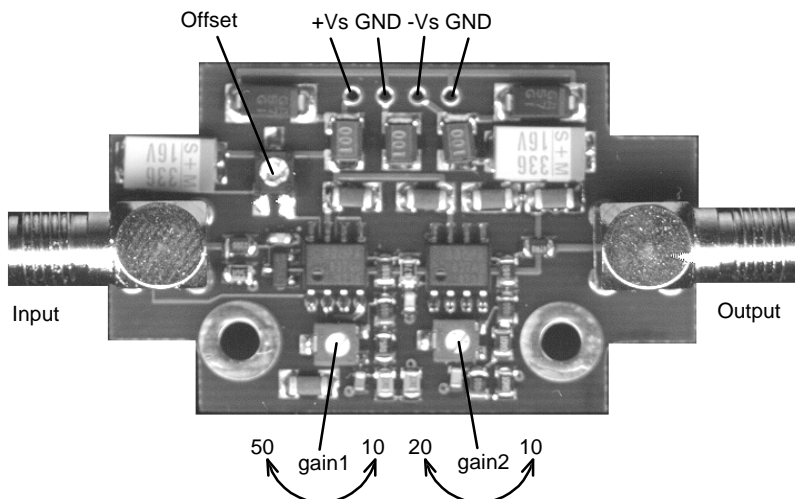


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Step Response
 $V_s = \pm 12V$
 $V_{out} < \pm 5V$



PPA-100
Gain Setting Switches
and Offset Adjust



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