

Variable High Speed Current Amplifier



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Stock **#59-179** **4 In Stock**

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+

S\$4,928⁰⁰

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Volume Pricing	
Qty 1-2	S\$4,928.00 each
Qty 3+	S\$4,559.00 each
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Note: This item requires accessories for use | [Learn More](#)

Product Downloads

SPECIFICATIONS

General

Yes

Remote Control:

Physical & Mechanical Properties

320.00

Weight (g):

Case Size: 150 x 55 x 40

Dimensions (mm):

Electrical

10 ² - 10 ⁸ (adjustable in decade steps)	Transimpedance Gain (Ω):
200MHz max	Bandwidth (-3 db):
Adjustable by trimpot	Bias Voltage:
Adjustable by external control voltage	Offset Adjustment:
See datasheet	Input Current Noise (fA/√Hz):

Hardware & Interface Connectivity

±15V, +110 mA/-90 mA	Power Requirement:
Power Supply Required and Sold Separately. USA: #59-180 Europe: #59-180 Japan: Not Available Korea: Not Available China: #59-180	Power Supply:

Environmental & Durability Factors

0 to +60	Operating Temperature (°C):
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Regulatory Compliance

View	Certificate of Conformance:
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PRODUCT DETAILS

- Convert Small Currents to Usable Voltages
- Variable Gain
- High Speed and Low Noise Designs

Current Amplifier Modules are current-to-voltage conversion devices used to amplify a small current from a photodiode or photomultiplier with very low noise. Low Noise and High Speed amplifiers are available with variable gain functionalities. The Low Noise amplifier is a two stage, low-noise amplifier with switchable AC/DC coupling, adjustable bias voltage offset, and a 10Hz lowpass filter. The High Speed model also features AC/DC coupling in addition to an adjustable offset for baseline correction, adjustable bias for use with fast photodiodes, and a switchable 10MHz and 1MHz low pass filters.

Note: [#59-178](#) and [#59-179](#) require specified power supplies.