

Variable High Speed Current Amplifier



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Stock **#59-179** 1 In Stock

-

1

+

A\$5,632⁰⁰

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Volume Pricing	
Qty 1-2	A\$5,632.00 each
Qty 3+	A\$5,210.00 each
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Note: This item requires accessories for use | [Learn More](#)

Product Downloads

General

Remote Control:

Yes

Physical & Mechanical Properties

Weight (g):

320.00

Dimensions (mm):

Case Size: 150 x 55 x 40

Electrical

Transimpedance Gain (Ω):

10² - 10⁸ (adjustable in decade steps)

Bandwidth (-3 db):

200MHz max

	Bias Voltage:
Adjustable by trimpot	
	Offset Adjustment:
Adjustable by external control voltage	

	Input Current Noise (fA/√Hz):
See datasheet	

Hardware & Interface Connectivity

	Power Requirement:
±15V, +110 mA/-90 mA	

	Power Supply:
Power Supply Required and Sold Separately.	
USA: #59-180	
Europe: #59-180	
Japan: Not Available	
Korea: Not Available	
China: #59-180	

Environmental & Durability Factors

	Operating Temperature (°C):
0 to +60	

Regulatory Compliance

	Certificate of Conformance:
View	

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.