

Variable High Speed Current Amplifier



Variable High Speed Current Amplifier

Stock **#59-179** [CONTACT US](#)

-

1

+

C\$5,432⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-2	C\$5,432.00 each
Qty 3+	C\$5,024.60 each
Need More?	Request Quote

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 x55 x40
Electrical	
Transimpedance Gain (Ω):	10 ² - 10 ⁸ (adjustable in decade steps)
Bandwidth (-3 db):	200MHz max

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):
----------	-----------------------------

Regulatory Compliance

View	Certificate of Conformance:
----------------------	-----------------------------

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.