

Variable High Speed Current Amplifier



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

-

1

+

₹3,73,824

Price inclusive of all taxes

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Volume Pricing	
Qty 1+	₹3,73,824 each
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Note: This item requires accessories for use | [Learn More](#)

Product Downloads	
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):

	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	
	Country of Origin:
Germany	
	Imported By:
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	

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.