

Variable Low Noise Current Amplifier



Stock **#59-178** 3 In Stock

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+

₹3,16,800

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Volume Pricing	
Qty 1+	₹3,16,800 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 44	Dimensions (mm):
Electrical	
10 ³ - 10 ¹¹ (adjustable in decade steps)	Transimpedance Gain (Ω):
500KHz max.	Bandwidth (-3 db):
	Bias Voltage:

Adjustable by trimpot ±10V, max., 22mA	
Offset Adjustment: Adjustable by trimpot or external control voltage	

Input Current Noise (fA/√Hz): See datasheet	
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Hardware & Interface Connectivity

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

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

Certificate of Conformance: View	
Country of Origin: Germany	
Imported By: Edmund Optics India Private Limited	

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.