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830nm 50mW Pigtailed Laser Diode



Stock #23-789 [CONTACT US](#)

- 1 + \$2,072.⁰⁰

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Volume Pricing	
Qty 1-9	\$2,072.00 each
Qty 10+	\$1,864.80 each
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Note: This item requires accessories for use | [Learn More](#)

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General

Diode **Type of Laser:**
IIIb **Laser Class - CDRH:**

Physical & Mechanical Properties

1 **Length of Fiber (m):**

Optical Properties

0.12 **Numerical Aperture NA:**

Fiber-Coupled **Spatial Mode:**

5 **Fiber Diameter (µm):**

830.00 ±15 **Wavelength (nm):**

NIR **Color:**

Electrical

50 **Output Power (mW):**

Hardware & Interface Connectivity

5.0 **Operating Voltage (V):**

Power Supply:
Power Supply Required and Sold Separately.
USA: [#73-818](#)
Europe: [#73-818](#)
Japan: [#13-640](#)
Korea: [#33-770](#)
China: [#73-818](#)

FC/PC **Connector:**

Environmental & Durability Factors

+15 to +30 **Operating Temperature (°C):**

Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Compliant](#) **Reach 233:**

Product Details

- Single Mode Fiber with FC/PC Connector
- 1 to 100mW Output Power and 405 to 1550nm Wavelength Options
- Integrated Driver for Easy Operation

Pigtailed Laser Diode Modules feature an integrated 1m long, single mode fiber with an FC/PC connector. These laser diodes also feature an integrated driver for plug and play operation, only requiring a 5V external power supply ([#73-818](#)). Pigtailed Laser Diode Modules are available with VIS and NIR wavelengths ranging from 405 to 1550nm, with output powers ranging from 1 to 100mW. Their plug and play operation make these laser diodes ideal for a wide range of laboratory and OEM applications.