

[See all 55 Products in Family](#)

## 830nm 50mW Pigtailed Laser Diode



Stock **#23-789** 1 In Stock

-

1

+

**S\$2,072<sup>.00</sup>**

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | <b>S\$2,072.00</b> each       |
| Qty 10+        | <b>S\$1,864.80</b> each       |
| Need More?     | <a href="#">Request Quote</a> |

**Note:** This item requires accessories for use | [Learn More](#)

Product Downloads



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:<br>Power Supply Required and Sold Separately.<br>USA: <a href="#">#73-818</a><br>Europe: <a href="#">#73-818</a><br>Japan: <a href="#">#13-640</a><br>Korea: <a href="#">#33-770</a><br>China: <a href="#">#73-818</a> |                             |
| FC/PC                                                                                                                                                                                                                                | Connector:                  |
| Environmental & Durability Factors                                                                                                                                                                                                   |                             |
| +15 to +30                                                                                                                                                                                                                           | Operating Temperature (°C): |
| Regulatory Compliance                                                                                                                                                                                                                |                             |
| <a href="#">Compliant</a>                                                                                                                                                                                                            | RoHS 2015:                  |
| <a href="#">View</a>                                                                                                                                                                                                                 | Certificate of Conformance: |
| <a href="#">Compliant</a>                                                                                                                                                                                                            | 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.