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## 850nm 50mW Pigtailed Laser Diode



Stock **#23-792** **2 In Stock**

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

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

### Product Downloads



### General

Type of Laser:  
Diode

Laser Class - CDRH:  
IIIb

### Physical & Mechanical Properties

Length of Fiber (m):  
1

## Optical Properties

0.12 **Numerical Aperture NA:**

Fiber-Coupled **Spatial Mode:**

5 **Fiber Diameter (µm):**

850.00 ±10 **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.