

[See all 55 Products in Family](#)

460nm 50mW Pigtailed Laser Diode



Stock **#23-758** **4 In Stock**

A\$3,224⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-9	A\$3,224.00 each
Qty 10+	A\$2,901.60 each
Need More?	Request Quote

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:

3 Fiber Diameter (µm):

460.00 ±10 Wavelength (nm):

Blue 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.