

[See all 55 Products in Family](#)

445nm 50mW Pigtailed Laser Diode



Stock #23-756 **3 In Stock**

C\$2,485⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-9	C\$2,485.00 each
Qty 10+	C\$2,236.50 each
Need More?	Request Quote

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:**

3 **Fiber Diameter (µm):**

445.00 ±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

Pigttailed 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](#)). Pigttailed 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.