

[See all 55 Products in Family](#)

445nm 50mW Pigtailed Laser Diode



Stock **#23-756** 1 In Stock

-

1

+

A\$2,840^{.00}

ADD TO CART

Volume Pricing	
Qty 1-9	A\$2,840.00 each
Qty 10+	A\$2,556.00 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):
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
- 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.