

## 520nm 50mW Pigtailed Laser Diode



Stock #23-769 **3 In Stock**

⊖ 1 ⊕ €1.475<sup>00</sup>

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Qty 1-9	€1.475,00 each
Qty 10+	€1.330,00 each
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**Note:** This item requires accessories for use | [Learn More](#)

Product Downloads



## SPECIFICATIONS

### General

Diode **Type of Laser:**

Laser Class - CDRH:

IIIb

## Physical & Mechanical Properties

Length of Fiber (m):

1

## Optical Properties

Numerical Aperture NA:

0.12

Spatial Mode:

Fiber-Coupled

Fiber Diameter ( $\mu\text{m}$ ):

3

Wavelength (nm):

520.00  $\pm$ 10

Color:

Green

## Electrical

Output Power (mW):

50

## Hardware & Interface Connectivity

Operating Voltage (V):

5.0

Power Supply:

Power Supply Required and Sold Separately.

USA: [#73-818](#)

Europe: [#73-818](#)

Japan: [#13-640](#)

Korea: [#33-770](#)

China: [#73-818](#)

Connector:

FC/PC

## Environmental & Durability Factors

Operating Temperature ( $^{\circ}\text{C}$ ):

+15 to +30

## Regulatory Compliance

RoHS 2015:

[Compliant](#)

Certificate of Conformance:

[View](#)

Reach 233:

[Compliant](#)

## 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.