

[See all 55 Products in Family](#)

## 520nm 50mW Pigtailed Laser Diode



Stock #23-769 **1 In Stock**

- 1 + €1.710.<sup>00</sup>

**ADD TO CART**

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | €1.710,00 each                |
| Qty 10+        | €1.539,00 each                |
| Need More?     | <a href="#">Request Quote</a> |

ⓘ Prices shown are exclusive of VAT/local taxes

**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):

## Optical Properties

0.12 **Numerical Aperture NA:**

Fiber-Coupled **Spatial Mode:**

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

520.00  $\pm$ 10 **Wavelength (nm):**

Green **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 ( $^{\circ}\text{C}$ ):**

## 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.