

## 785nm 50mW Pigtailed Laser Diode



Stock #23-785 **1 In Stock**

- 1 + £1,248.<sup>00</sup>

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Volume Pricing	
Qty 1-9	£1,248.00 each
Qty 10+	£1,123.20 each
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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:

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

785.00  $\pm$ 10 Wavelength (nm):

Red 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.