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# 633nm 50mW Pigtailed Laser Diode



Stock **#23-771** **1 In Stock**

-

1

+

**£1,420<sup>00</sup>**

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| Qty 1-9        | <b>£1,420.00</b> each         |
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**i** 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:               |
| 4                                                                                                                                                                                                                                                                                               | Fiber Diameter (µm):        |
| 633.00 ±5                                                                                                                                                                                                                                                                                       | Wavelength (nm):            |
| Red                                                                                                                                                                                                                                                                                             | Color:                      |
| Electrical                                                                                                                                                                                                                                                                                      |                             |
| 50                                                                                                                                                                                                                                                                                              | Output Power (mW):          |
| Hardware & Interface Connectivity                                                                                                                                                                                                                                                               |                             |
| 5.0                                                                                                                                                                                                                                                                                             | Operating Voltage (V):      |
| <div>Power Supply:</div> <div>Power Supply Required and Sold Separately.</div> <div>USA: <a href="#">#73-818</a></div> <div>Europe: <a href="#">#73-818</a></div> <div>Japan: <a href="#">#13-640</a></div> <div>Korea: <a href="#">#33-770</a></div> <div>China: <a href="#">#73-818</a></div> |                             |
| FC/PC                                                                                                                                                                                                                                                                                           | Connector:                  |
| Environmental & Durability Factors                                                                                                                                                                                                                                                              |                             |
| +15 to +30                                                                                                                                                                                                                                                                                      | Operating Temperature (°C): |
| Regulatory Compliance                                                                                                                                                                                                                                                                           |                             |
| <a href="#">Compliant</a>                                                                                                                                                                                                                                                                       | RoHS 2015:                  |
| <a href="#">View</a>                                                                                                                                                                                                                                                                            | Certificate of Conformance: |
| <a href="#">Compliant</a>                                                                                                                                                                                                                                                                       | 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.