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# 445nm 15mW Pigtailed Laser Diode



Stock **#23-755** **1 In Stock**

-

1

+

£944<sup>.00</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | £944.00 each                  |
| Qty 10+        | £849.60 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:          |
| 3             | Fiber Diameter (µm):   |
| 445.00 ±10    | Wavelength (nm):       |
| Blue          | Color:                 |

Electrical

|    |                    |
|----|--------------------|
| 15 | Output Power (mW): |
|----|--------------------|

Hardware & Interface Connectivity

|                                                                                                                                                                                                                                      |                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| 5.0                                                                                                                                                                                                                                  | Operating Voltage (V): |
| Power Supply:<br>Power Supply Required and Sold Separately.<br>USA: <a href="#">#73-818</a><br>Europe: <a href="#">#73-818</a><br>Japan: <a href="#">#13-640</a><br>Korea: <a href="#">#33-770</a><br>China: <a href="#">#73-818</a> |                        |

|       |            |
|-------|------------|
| 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.