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# 445nm 15mW Pigtailed Laser Diode



Stock **#23-755** [CONTACT US](#)

-

1

+

S\$1,652<sup>.00</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | S\$1,652.00 each              |
| Qty 10+        | S\$1,486.80 each              |
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**Note:** This item requires accessories for use | [Learn More](#)

Product Downloads



General

|       |                     |
|-------|---------------------|
| Diode | Type of Laser:      |
| IIIb  | Laser Class - CDRH: |

Physical & Mechanical Properties

|   |                      |
|---|----------------------|
| 1 | 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):      |
| <div>Power Supply</div> <div>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></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.