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445nm 50mW Pigtailed Laser Diode



Stock #23-756 **2 In Stock**

- 1 + MRP ₹1,88,505

● Price inclusive of all taxes

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| Volume Pricing | |
|----------------|-------------------------------|
| Qty 1-9 | ₹1,88,505 each |
| Qty 10+ | ₹1,69,655 each |
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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 \pm 10 **Wavelength (nm):**

Blue **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:**

China **Country of Origin:**

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
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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

Pigttailed 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](#)). Pigttailed 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.