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50mW, 450nm Fiber-Coupled Laser Module



Stock #19-479 **3 In Stock**

⊖ 1 ⊕ ₹65,250

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Note: This item requires accessories for use | [Learn More](#)

Product Downloads



General

Type of Laser:
Diode

Laser Class - CDRH:
Class IIIb

Physical & Mechanical Properties

Length of Fiber (m):
1

151.00 Length (mm):

Optical Properties

Fiber-Coupled Spatial Mode:

450.00 ±5 Wavelength (nm):

Blue Color:

Electrical

50 Output Power (mW):

Hardware & Interface Connectivity

5.0 Operating Voltage (V):

Fiber-Coupled Output Type:

SMA Connector:

Environmental & Durability Factors

+15 to +30 Operating Temperature (°C):

Regulatory Compliance

[Compliant](#) RoHS 2015:

[View](#) Certificate of Conformance:

[Compliant](#) Reach 233:

China Country of Origin:

Edmund Optics India Private Limited Imported By:

Product Details

- 400µm Core Multimode Fiber with SMA Connector
- 50 and 100mW Output Power Options
- VIS and NIR Wavelengths Available
- [Free Space Alignment Lasers](#) Also Available

Fiber-Coupled Laser Modules feature an integrated 1m long, 400µm core fiber with an SMA905 connector. These cost-effective lasers provide up to 100mW of output power and have a long expected lifetime of 5000 hours. Fiber-Coupled Laser Modules are ideal for use in laser alignment, laser pointing, and laser measurement applications where a free-spaced laser diode module may be difficult to position. These lasers' compact size and easy operation make them well suited for integration into OEM systems.

Note: Power supply is sold separately.