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## 50mW, 405nm Fiber-Coupled Laser Module



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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:

405.00 ±5 Wavelength (nm):

Violet 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:

## 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.