

## 100mW, 450nm Fiber-Coupled Laser Module



**S\$1,393<sup>.00</sup>**

**ADD TO CART**

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | <b>\$1,393.00</b> each        |
| Qty 10+        | <b>\$1,253.70</b> each        |
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## Product Downloads



## General

Type of Laser: Diode

Class IIIb

## Physical & Mechanical Properties

1 Length of Fiber (m):

|                                    |                             |
|------------------------------------|-----------------------------|
| 151.00                             | Length (mm):                |
| Optical Properties                 |                             |
| Fiber-Coupled                      | Spatial Mode:               |
| 450.00 ±5                          | Wavelength (nm):            |
| Blue                               | Color:                      |
| Electrical                         |                             |
| 100                                | 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.