

# 50mW, 405nm Fiber-Coupled Laser Module



Stock **#19-477** **5 In Stock**

-

1

+

£696<sup>.00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | £696.00 each                  |
| Qty 10+        | £626.40 each                  |
| Need More?     | <a href="#">Request Quote</a> |

**i** Prices shown are exclusive of VAT/local taxes

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

Product Downloads



## SPECIFICATIONS

### General

Diode

Type of Laser:

|                                    |                             |
|------------------------------------|-----------------------------|
| Class IIIb                         | Laser Class - CDRH:         |
| Physical & Mechanical Properties   |                             |
| 1                                  | Length of Fiber (m):        |
| 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.