# 505nm 10mW Pigtailed Laser Diode

Stock **#23-765** **1 In Stock**

- 1 + **£1,100.75**

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| Qty 1-9 | **£1,100.75** each |
| Qty 10+ | **£990.25** each |
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Prices shown are exclusive of VAT/local taxes

**Note:** This item requires accessories for use | Learn More

Product Downloads

## SPECIFICATIONS

### General

**Type of Laser:**

Diode

**Laser Class - CDRH:**
IIIb

## Physical & Mechanical Properties

**Length of Fiber (m):**
1

## Optical Properties

**Numerical Aperture NA:**
0.12

**Spatial Mode:**
Fiber-Coupled

**Fiber Diameter (µm):**
3

**Wavelength (nm):**
505.00 ±10

**Color:**
Green

## Electrical

**Output Power (mW):**
10

## Hardware & Interface Connectivity

**Operating Voltage (V):**
5.0

**Power Supply:**
Power Supply Required and Sold Separately.
USA: **#73-818**
Europe: **#73-818**
Japan: **#13-640**
Korea: **#33-770**
China: **#73-818**

**Connector:**
FC/PC

## Environmental & Durability Factors

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

## Regulatory Compliance

**RoHS 2015:**
Compliant

**Certificate of Conformance:**
View

**Reach 233:**
Compliant

# 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

Pigtailed 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**). Pigtailed 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.