



- 1 + €2.015^{,00}

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! Prices shown are exclusive of VAT/local taxes

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

General	
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Type of Laser:	
Diode	

IIIb **Laser Class - CDRH:**

Physical & Mechanical Properties	
Material	Carbon Fiber
Weight	1500g
Strength	High Tensile Strength
Stiffness	High Modulus
Corrosion Resistance	Excellent
Thermal Stability	Good
Impact Resistance	Good
Flexibility	Low
Surface Finish	Glossy
Color	Black
Texture	Smooth
Finish	Matte
Coating	UV Resistant
Adhesive	Strong
Sealant	Waterproof
Fastener	Stainless Steel
Welding	Not Applicable
Drilling	Easy
Machining	Difficult
Assembly	Simple
Disassembly	Easy
Repair	Difficult
Maintenance	Low
Storage	Easy
Transportation	Easy
Installation	Simple
Usage	Wide Range
Applications	Automotive, Aerospace, Marine
Components	Engine, Transmission, Drivetrain
Parts	Wheels, Tires, Suspension
Accessories	Seatbelts, Airbags, Navigation
Tools	Wrench, Screwdriver, Pliers
Equipment	Drill, Sander, Polisher
Materials	Carbon Fiber, Kevlar, Fiberglass
Supplies	Adhesive, Sealant, Fasteners
Services	Repair, Maintenance, Customization
Products	Car, Boat, Plane
Systems	Engine, Transmission, Drivetrain
Structures	Chassis, Frame, Body
Components	Engine, Transmission, Drivetrain
Parts	Wheels, Tires, Suspension
Accessories	Seatbelts, Airbags, Navigation
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Length of Fiber (m):

Optical Properties	
0.12	Numerical Aperture NA:
Fiber-Coupled	Spatial Mode:
3	Fiber Diameter (µm):
505.00 ±10	Wavelength (nm):
Green	Color:
Electrical	
30	Output Power (mW):
Hardware & Interface Connectivity	
5.0	Operating Voltage (V):
Power Supply: Power Supply Required and Sold Separately. USA: #73-818 Europe: #73-818 Japan: #13-640 Korea: #33-770 China: #73-818	
FC/PC	Connector:
Environmental & Durability Factors	
+15 to +30	Operating Temperature (°C):
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 233:

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.