



1 **CS\$1,162^{.00}**

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Volume Pricing	
Qty 1-9	CS\$1,162.00 each
Qty 10+	CS\$1,045.80 each
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Note: This item requires accessories for use | [Learn More](#)

General

Type of Laser:

Laser Class - CDRH:

Physical & Mechanical Properties	
Material	Aluminum 6061-T6
Dimensions (mm)	100 x 50 x 10
Weight (g)	1200
Yield Strength (MPa)	276
Tensile Strength (MPa)	324
Elongation (%)	12
Hardness (HV)	95
Corrosion Resistance	Good
Thermal Conductivity (W/mK)	167
Thermal Expansion Coefficient (1/K)	23.6
Melting Point (°C)	933
Modulus of Elasticity (GPa)	68.9
Poisson's Ratio	0.33
Surface Finish	Anodized
Coating Thickness (μm)	25
Coating Adhesion	Excellent
Coating Color	Clear
Coating Durability	1000 hours
Coating Resistance	Salt Water
Coating Temperature (°C)	120
Coating Time (min)	30
Coating Thickness (μm)	25
Coating Adhesion	Excellent
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Length of Fiber (m):

Optical Properties	
0.12	Numerical Aperture NA:
Fiber-Coupled	Spatial Mode:
9	Fiber Diameter (µm):
1,310.00 ±10	Wavelength (nm):
NIR	Color:
Electrical	
5	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.