

589nm 50mW Low Cost Turnkey Laser



Low Cost Turnkey Laser & Power Supply (Included)



Stock **#35-073** 1 In Stock

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1

+

A\$11,376⁰⁰

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Qty 1+	A\$11,376.00 each
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SPECIFICATIONS

General

<10	Warm-Up Time (minutes):
Diode	Type of Laser:

IIIb	Laser Class - CDRH:
>10,000	Mean Time to Failure MTTF (hours):
Physical & Mechanical Properties	
<0.05	Pointing Stability after Warm Up (mrad°C):
143.5 x 73.0 x 46.2	Dimensions (mm):
24.8	Beam Height from Base Plate (mm):
Optical Properties	
>100:1	Polarization:
589.00	Wavelength (nm):
<1.5	Mode Quality, M²:
±1	Wavelength Tolerance (nm):
1.2	Beam Diameter (mm):
<1.5	Beam Divergence (mrad):
Orange	Color:
Electrical	
50	Output Power (mW):
<2% RMS over 4 hours	Power Stability (%):
1-10	Modulation Frequency (kHz):
Hardware & Interface Connectivity	
153.0 x 155.0 x 92.0	Power Supply:
85-264 VAC	Power Requirement:
Free Space	Output Type:
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 233:

PRODUCT DETAILS

- Multiple Colors and Wavelengths Available
 - Ideal for Microscopy Applications
 - TE Cooled
- Low Cost Turnkey Lasers offer excellent beam quality and output powers up to 50mW. These lasers feature compact designs for simplified integration and manually adjustable output power through the control box. Each laser features TE cooling and flexible interface allowing for digital or analog modulation, with multiple color and wavelength options available. Low Cost Turnkey Lasers are ideal for research, flow cytometry, and microscope illumination applications.
- Note:** Power supply included. Fiber-coupled lasers include 1m SMA905 coupled fiber.

TECHNICAL INFORMATION

