

640nm 50mW Low Cost Turnkey Laser



Low Cost Turnkey Laser & Power Supply (Included)



Stock **#35-074** 1 In Stock

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1

+

A\$5,056⁰⁰

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Volume Pricing	
Qty 1+	A\$5,056.00 each
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General

Warm-Up Time (minutes):	
<10	
Type of Laser:	
Diode	
Laser Class - CDRH:	
IIIb	
Mean Time to Failure MTTF (hours):	
>10,000	

Physical & Mechanical Properties	
Pointing Stability after Warm Up (mrad/°C):	<0.05
Dimensions (mm):	143.5 x 73.0 x 46.2
Beam Height from Base Plate (mm):	24.8
Optical Properties	
Polarization:	>50:1
Wavelength (nm):	640.00
Mode Quality, M²:	<1.5
Wavelength Tolerance (nm):	±5
Beam Diameter (mm):	3.00
Beam Divergence (mrad):	<1.0
Color:	Red
Electrical	
Output Power (mW):	50
Power Stability (%):	<2% RMS over 4 hours
Modulation Frequency (kHz):	1-10
Hardware & Interface Connectivity	
Power Supply:	153.0 x 155.0 x 92.0
Power Requirement:	85-264VAC
Output Type:	Free Space
Regulatory Compliance	
RoHS 2015:	Compliant
Certificate of Conformance:	View
Reach 233:	Compliant

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

