200mW, 470nm LC Turnkey Laser Fiber SMA

Low Cost Turnkey Laser & Power Supply (Included)

Stock **#19-504** **2 In Stock**

- 1 +

C$7,700.00

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Volume Pricing	
Qty 1-4	**C$7,700.00** each
Qty 5+	**C$6,930.00** each
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Product Downloads

STEP:step | PDF Drawing:pdf | IGES:igs | User Manual:pdf | eDrawing:eprt | EO Spec Sheet | **Download All**

General

Warm-Up Time (minutes):	<10	**Type of Laser:**	Diode
Laser Class - CDRH:	IIIb	**Mean Time to Failure MTTF (hours):**	10000

Physical & Mechanical Properties

Dimensions (mm):	142.5 x 60 x 50	**Beam Height from Base Plate (mm):**	27.4

Optical Properties

Wavelength (nm):	470.00	**Wavelength Tolerance (nm):**	±5
Color:	Blue	**Fiber Numerical Aperture NA ($1/e^2$):**	0.22

Electrical

Output Power (mW):	200	**Power Stability (%):**	<2% RMS over 4 hours
Modulation Frequency (kHz):	1		

Hardware & Interface Connectivity

Power Supply:	88 x 145 x 83	**Power Requirement:**	90-264VAC
Output Type:	Fiber-Coupled	**Connector:**	SMA

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

Resources

Media Type

- [ ] Technical Tool
- [ ] Application Note
- [ ] Video
- [ ] FAQ
- [ ] Glossary
- [ ] Published Article
- [ ] Scientific Paper

TECHNICAL TOOL
Gaussian Beams Calculator

APPLICATION NOTE
Gaussian Beam Propagation

APPLICATION NOTE
Common Laser Types

VIDEO
Understanding Lasers and How They're Used Every...

? FAQ
Can a laser beam be seen from the side?

? FAQ
What factors are involved in how well I can see a laser...

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