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488nm 50mW Low Cost Turnkey Laser

Low Cost Turnkey Laser & Power Supply (Included)

Stock **#37-091** **1 In Stock**

- 1 + **MRP ₹4,95,044**

Price inclusive of all taxes

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Volume Pricing	
Qty 1+	**₹4,95,044** 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):
488.00

Mode Quality, M^2:
<1.5

Wavelength Tolerance (nm):
±5

Beam Diameter (mm):
3.5

Beam Divergence (mrad):
<1.0

Color:
Blue

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

Country of Origin:
China

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

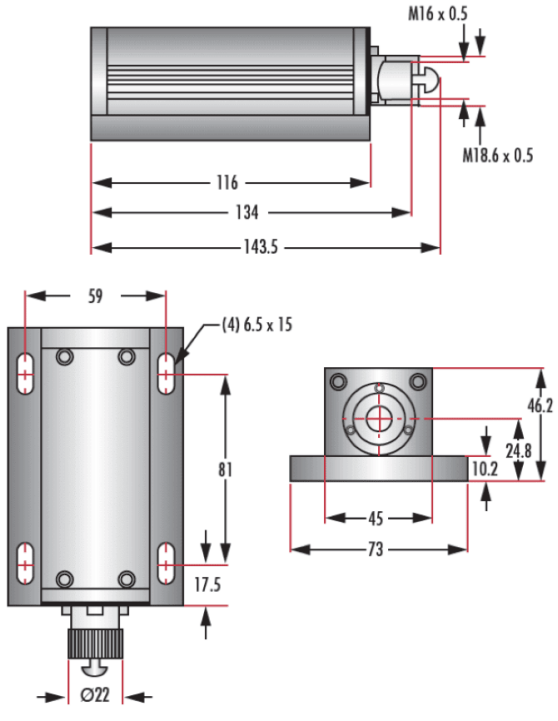
Product Details

- 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


M16 x 0.5
M18.6 x 0.5
116
134
143.5
59
(4) 6.5 x 15
81
17.5
Ø22
46.2
24.8
10.2
45
73

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