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50mW, 980nm LC Turnkey Laser



Low Cost Turnkey Laser & Power Supply (Included)



Stock #19-490 **1 In Stock**

⊖ 1 ⊕ £2,528⁰⁰

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Qty 1+	£2,528.00 each
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Product Downloads



General

Warm-Up Time (minutes):
<5

Type of Laser:
Diode

Laser Class - CDRH:
IIIb

10000 Mean Time to Failure MTF (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

>10:1 Polarization:

980.00 Wavelength (nm):

±10 Wavelength Tolerance (nm):

3.5 Beam Diameter (mm):

<1.0 Beam Divergence (mrad):

Infrared Color:

Electrical

50 Output Power (mW):

<2% RMS over 4 hours Power Stability (%):

1 Modulation Frequency (kHz):

Hardware & Interface Connectivity

162 x 144 x 70 Power Supply:

100-240VAC 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

