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1mW 635nm, Laboratory Laser Diode

Stock **#53-227** **1 In Stock**

- 1 + **MRP ₹39,082**

Price inclusive of all taxes

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Qty 1-9	**₹39,082** each
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General

Note:
Includes: Users Manual, Power Supply, Warning Label, and Focus Key

Type of Laser:
Diode

Laser Class - CDRH:
II

Optical Properties

Wavelength (nm):
635.00

Beam Size at Nearest Focus (µm):
25

Beam Diameter (mm):
4 x 2

Beam Divergence (mrad):
<0.5

Color:
Red

Focus Range (mm):
35mm - ∞

Electrical

Output Power (mW):
1 (Maximum)

Hardware & Interface Connectivity

Power Supply:
110/240 VAC (included)

Power Requirement:
3.5 - 5 VDC, <50 mA

Output Type:
Free Space

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 240:
Compliant

Country of Origin:
United Kingdom

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

- Visible and Near IR Models
- Focusable from 20mm to Infinity

Designed as a compact diode for laboratory and industrial applications, this laser uses sophisticated electronics to promote long life and reliable performance. Its features include output power stabilization, integral drive circuitry, user adjustable collimating optics, emission indicator, beam attenuator (shutter), and electrical on/off switch (not available on IR unit). Due to its superior durability and size, it is an ideal replacement for Helium-Neon lasers or NIR sources in many applications. Typical applications include: pilot beam for alignment, measurement, robotic control and positioning. Additional features on the non-emitting end of IR unit for CDRH compliance are: key control (removal deactivates laser), remote interlock connector, safety interlocks, and delay time of 5 seconds between laser activation and actual laser output.

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