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50 x 50mm Laser Diode Mirror



Stock **#43-533** **20+ In Stock**

1 MRP ₹4,590

Price inclusive of all taxes

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Volume Pricing	
Qty 1-10	₹4,590 each
Qty 11-24	₹3,532 each
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General

Flat Mirror **Type:**

Physical & Mechanical Properties

3.00 **Thickness (mm):**

50.0 x 50.0 **Dimensions (mm):**

Dimensional Tolerance (mm):

±0.25

50.00

Length (mm):

50.00

Width (mm):

Optical Properties

Dielectric

Coating Type:

Dielectric Mirror (500-700nm)

Coating:

633

Design Wavelength DWL (nm):

Float Glass

Substrate: □

R_{abs} >97% @633nm

Coating Specification:

80-50

Surface Quality:

Environmental & Durability Factors

ML-C-48497A

Durability:

Regulatory Compliance

Compliant

RoHS 2015:

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Certificate of Conformance:

Compliant

Reach 247:

United States

Country of Origin:

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

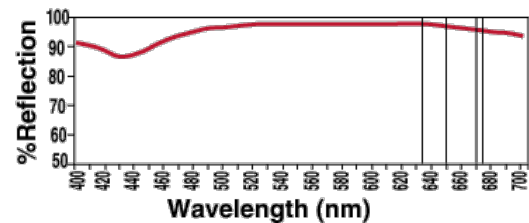
Product Details

- Over 95% Reflectance of Visible Laser Diode Light
- Ideal for Multiple Reflection Systems
- Coating Optimized for 633nm at 45° AOI

Visible Laser Diode Mirrors are specially coated to attain maximum reflection of visible laser diodes. Optimized for 633nm at a 45° angle of incidence, these mirrors provide 97% reflectance versus only 85 - 90% for standard first surface mirrors. This reduced loss is particularly important in multiple reflection systems, where loss can significantly impact system efficiency. Visible Laser Diode Mirrors feature a float glass substrate and are ideal for multiple reflection systems.

Technical Information

Visible Laser Diode Mirror Reflectance at 45°



@ 500nm	95.0%
@ 550nm	97.0%
@ 600nm	97.5%
@ 633nm	97.0%
@ 635nm	97.0%
@ 650nm	96.5%
@ 670nm	96.0%
@ 675nm	95.0%
@ 700nm	94.5%

Quote Your Size

Compatible Mounts
