

# 10mm Diameter Laser Diode Mirror



Stock **#43-853** 20+ In Stock

-

1

+

₹1,985

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-10       | ₹1,985 each                   |
| Qty 11+        | ₹1,538 each                   |
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Product Downloads

General

Type:

Flat Mirror

Physical & Mechanical Properties

Diameter (mm):

10.00 ±0.25

Dimensional Tolerance (mm):

±0.25

Thickness (mm):

3.00

| Optical Properties            |                                     |
|-------------------------------|-------------------------------------|
| Float Glass                   | Substrate: <input type="checkbox"/> |
| 80-50                         | Surface Quality:                    |
| R <sub>abs</sub> >97% @ 633nm | Coating Specification:              |
| Dielectric Mirror (500-700nm) | Coating:                            |
| Dielectric                    | Coating Type:                       |
| 633                           | Design Wavelength DWL (nm):         |

| Environmental & Durability Factors |             |
|------------------------------------|-------------|
| ML-C-48497A                        | Durability: |

| Regulatory Compliance               |                             |
|-------------------------------------|-----------------------------|
| Compliant                           | RoHS 2015:                  |
| View                                | Certificate of Conformance: |
| Compliant                           | Reach 247:                  |
| United States                       | Country of Origin:          |
| Edmund Optics India Private Limited | Imported By:                |

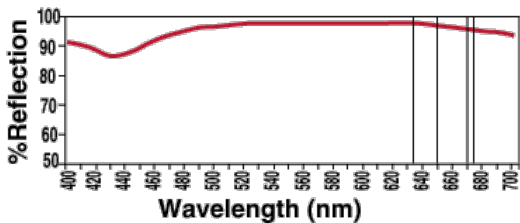
## Product Details

- 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

