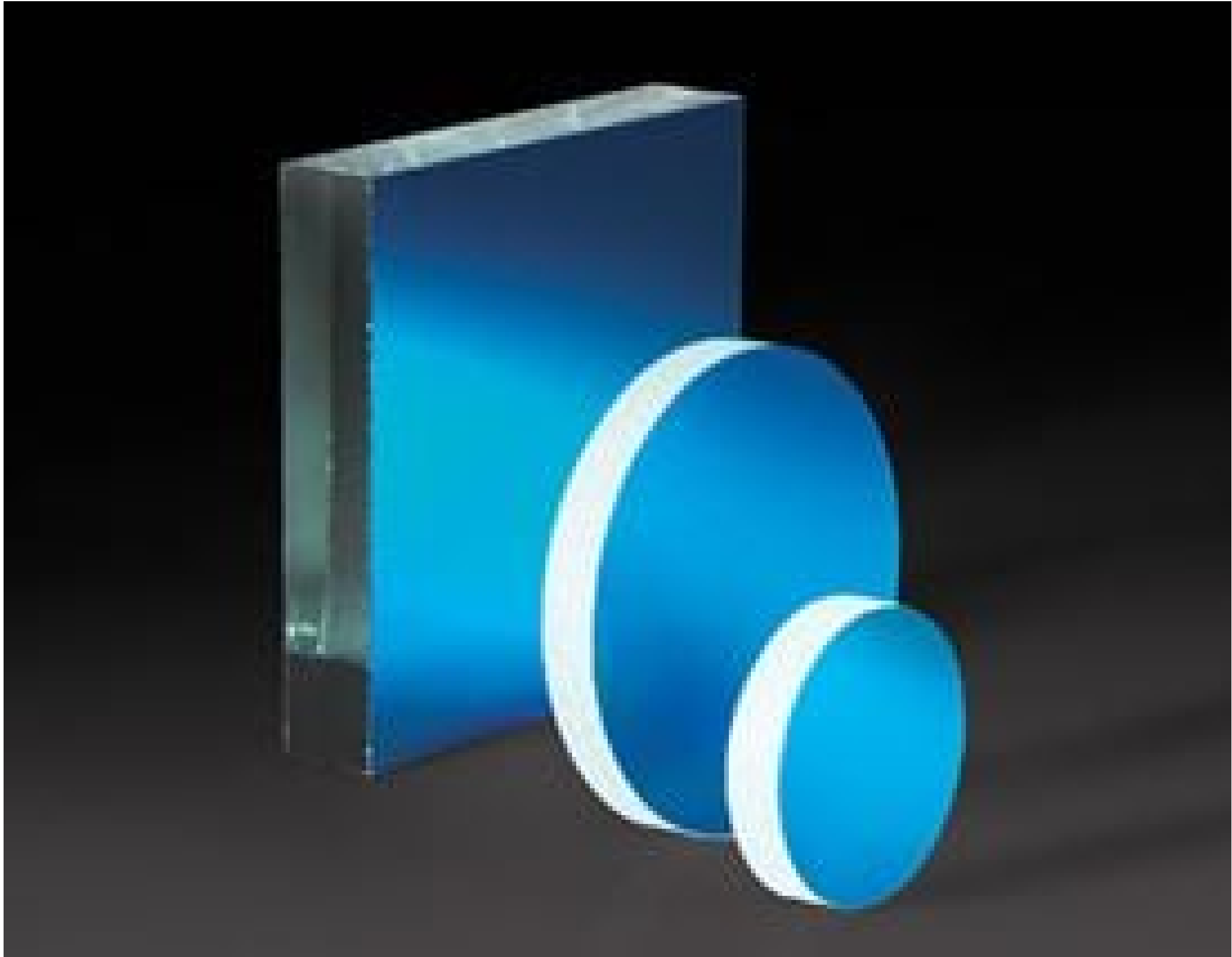


## 25mm Diameter Laser Diode Mirror



Stock **#43-532** 20+ In Stock

-

1

+

C\$44<sup>.80</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-10       | C\$44.80 each                 |
| Qty 11-24      | C\$35.00 each                 |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

General

Type:

Flat Mirror

Physical & Mechanical Properties

Diameter (mm):

25.00 ±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:              |
|                               | Coating:                            |
| Dielectric Mirror (500-700nm) | Coating Type:                       |
| Dielectric                    | Design Wavelength DWL (nm):         |
| 633                           |                                     |

| Environmental & Durability Factors |                             |
|------------------------------------|-----------------------------|
| ML-C-48497A                        | Durability:                 |
|                                    |                             |
| Regulatory Compliance              |                             |
| Compliant                          | RoHS 2015:                  |
| View                               | Certificate of Conformance: |
| Compliant                          | Reach 247:                  |

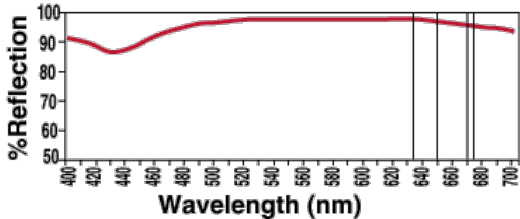
## Product Details

- 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