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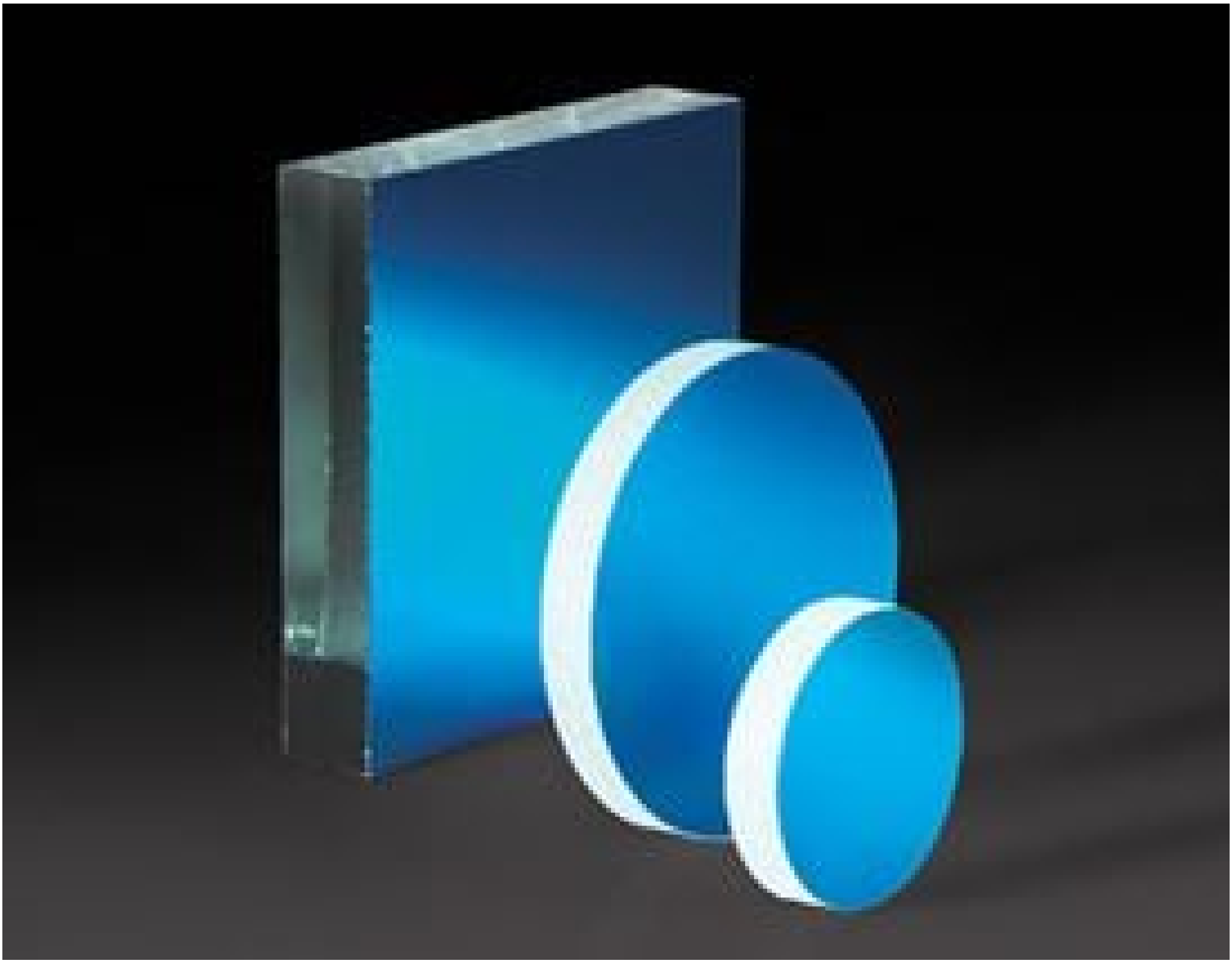
50 x 50mm Laser Diode Mirror



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

- 1 + **£36.40**

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Volume Pricing	
Qty 1-10	**£36.40** each
Qty 11-24	**£28.00** each
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Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Flat Mirror

Physical & Mechanical Properties

Thickness (mm):

3.00

Dimensions (mm):

50.0 x 50.0

Dimensional Tolerance (mm):
±0.25

Length (mm):
50.00

Width (mm):
50.00

Optical Properties

Coating Type:
Dielectric

Coating:
Dielectric Mirror (500-700nm)

Design Wavelength DWL (nm):
633

Substrate:
Float Glass

Coating Specification:
R_{abs} >97% @ 633nm

Surface Quality:
80-50

Environmental & Durability Factors

Durability:
MIL-C-48497A

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 247:
Compliant

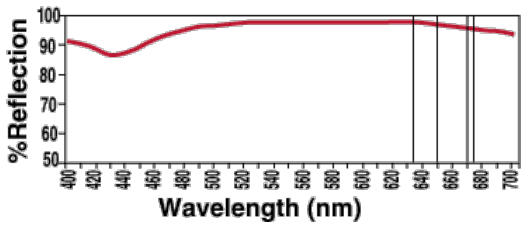
Product Details

- 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

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