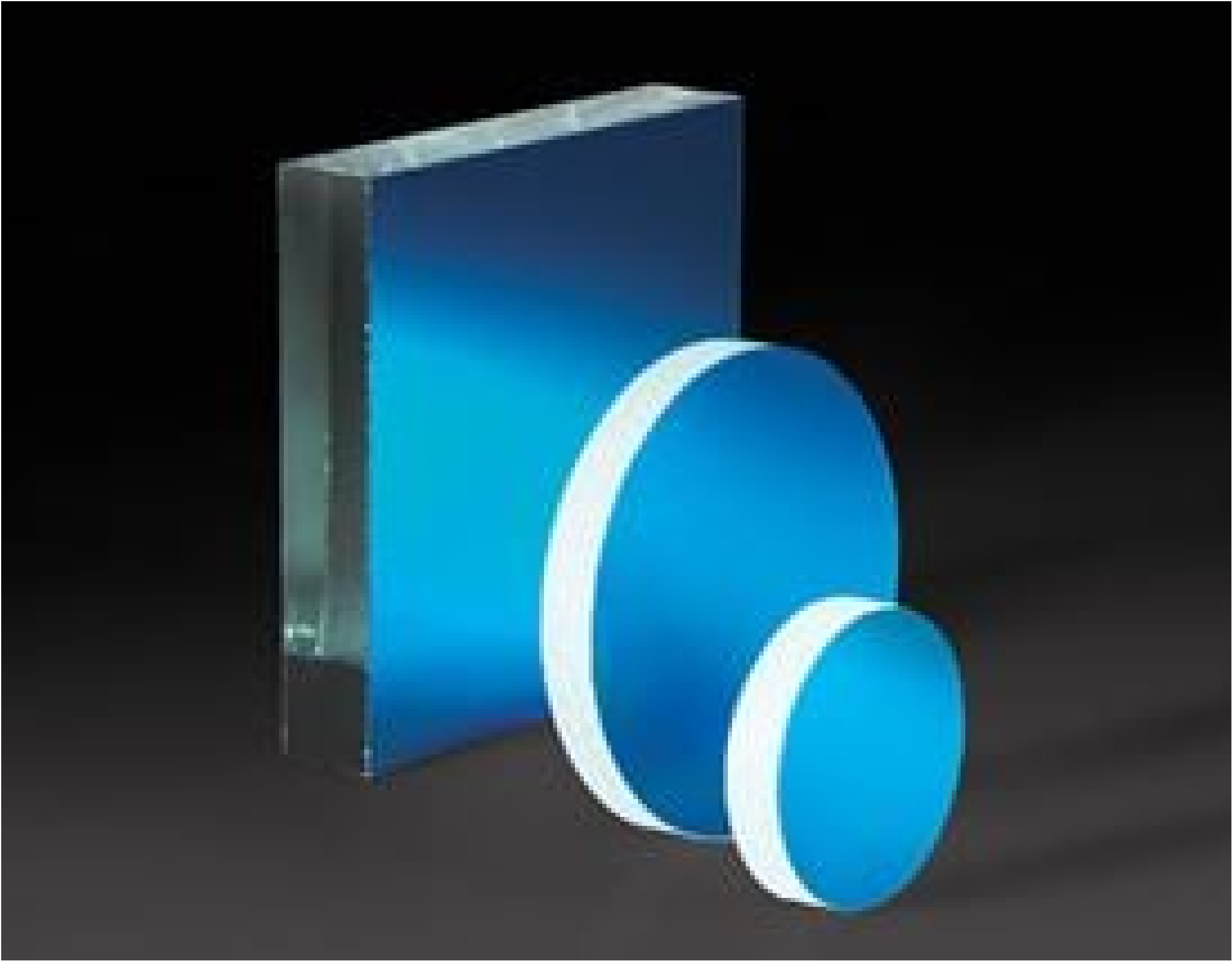


47 x 51mm Laser Diode Mirror



Stock **#31-496** 14 In Stock

-

1

+

£36⁴⁰

ADD TO CART

Volume Pricing	
Qty 1-10	£36.40 each
Qty 11-24	£28.00 each
Need More?	Request Quote

 Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Flat Mirror

Type:

Physical & Mechanical Properties

6.35

Thickness (mm):

47.0 x 51.0

Dimensions (mm):

±0.25	Dimensional Tolerance (mm):
51.00	Length (mm):
47.00	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:
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Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:

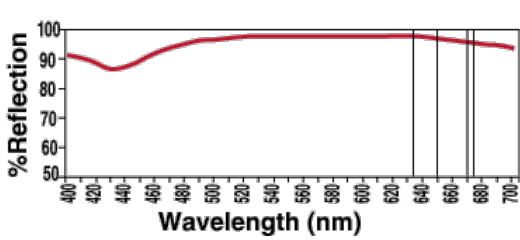
Product Details

- 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

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