

12.5mm Diameter Laser Diode Mirror



Stock **#46-618** **20+ In Stock**

- 1 + £23⁰⁰

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Volume Pricing	
Qty 1-10	£23.80 each
Qty 11-24	£18.40 each
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i Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Flat Mirror **Type:**

Physical & Mechanical Properties

12.50 ±0.25 **Diameter (mm):**

3.00 **Thickness (mm):**

Dimensional Tolerance (mm):

±0.25

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

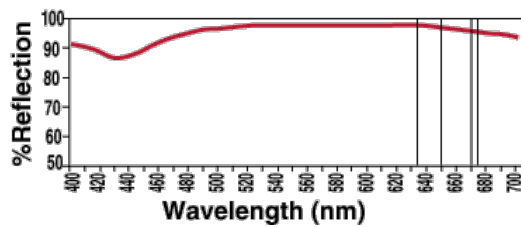
Environmental & Durability Factors**Durability:**

ML-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**

