

5mm Diameter Laser Diode Mirror



Stock **#46-617** 9 In Stock

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1

+

€28^{.00}

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Volume Pricing	
Qty 1-10	€28,00 each
Qty 11-24	€22,00 each
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 Prices shown are exclusive of VAT/local taxes

Product Downloads

General	
Flat Mirror	Type:
Physical & Mechanical Properties	
5.00 ±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	

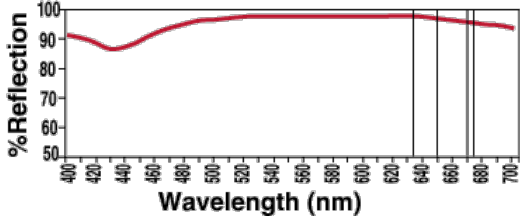
Regulatory Compliance	
RoHS 2015:	
Compliant	
Certificate of Conformance:	
View	
Reach 247:	
Compliant	

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

