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25.4mm Dia. 808nm 45°, Low Cost Laser Line Mirror



Stock #11-002 **20+ In Stock**

MRP ₹13,015

i Price inclusive of all taxes

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Volume Pricing	
Qty 1-10	₹13,015 each
Qty 11-49	₹11,603 each
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General

Laser Mirror **Type:**

Physical & Mechanical Properties

<3 **Parallelism (arcmin):**

90 **Clear Aperture (%):**

Back Surface:

Commercial Polish	
25.40 +0.0/-0.1	Diameter (mm):
6.35 ±0.2	Thickness (mm):
Optical Properties	
20-10	Surface Quality:
99	Reflection at DWL (%):
R _{abs} >99% @ 808nm	Coating Specification:
λ/10	Surface Flatness (P-V):
Dielectric	Coating Type:
Laser Mirror (808nm)	Coating:
808	Design Wavelength DWL (nm):
45	Angle of Incidence (°):
N-BK7	Substrate: <input type="checkbox"/>

Environmental & Durability Factors	
ML-C-675C	Durability:

Regulatory Compliance	
View	Certificate of Conformance:
United States	Country of Origin:
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	Imported By:

Need different specs or modifications?

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

Product Details

- >97% Reflectivity at Design Wavelength
- Up to λ/10 Surface Accuracy
- Excellent Cost to Performance Ratio
- Designs for Nd:YAG, Yb:YAG, and Diode Lasers

Low Cost Laser Line Mirrors are ideal for optical systems requiring cost-effective laser mirrors that do not compromise on performance. These mirrors feature N-BK7 or fused silica substrates, 20-10 surface quality, and up to λ/10 surface accuracy. With most mirrors providing >99% reflectance at their design wavelength, these mirrors are an ideal replacement for metallic coated mirrors in laser optical systems that require mirrors with higher reflectivity and higher laser damage thresholds. Low Cost Laser Line Mirrors are designed for either a 0° or 45° angle of incidence with coating options for Nd:YAG (266nm, 355nm, 532nm, 1064nm), Yb:YAG (515nm, 1030nm), or diode (488nm, 808nm, 850nm, 980nm) lasers.

Compatible Mounts