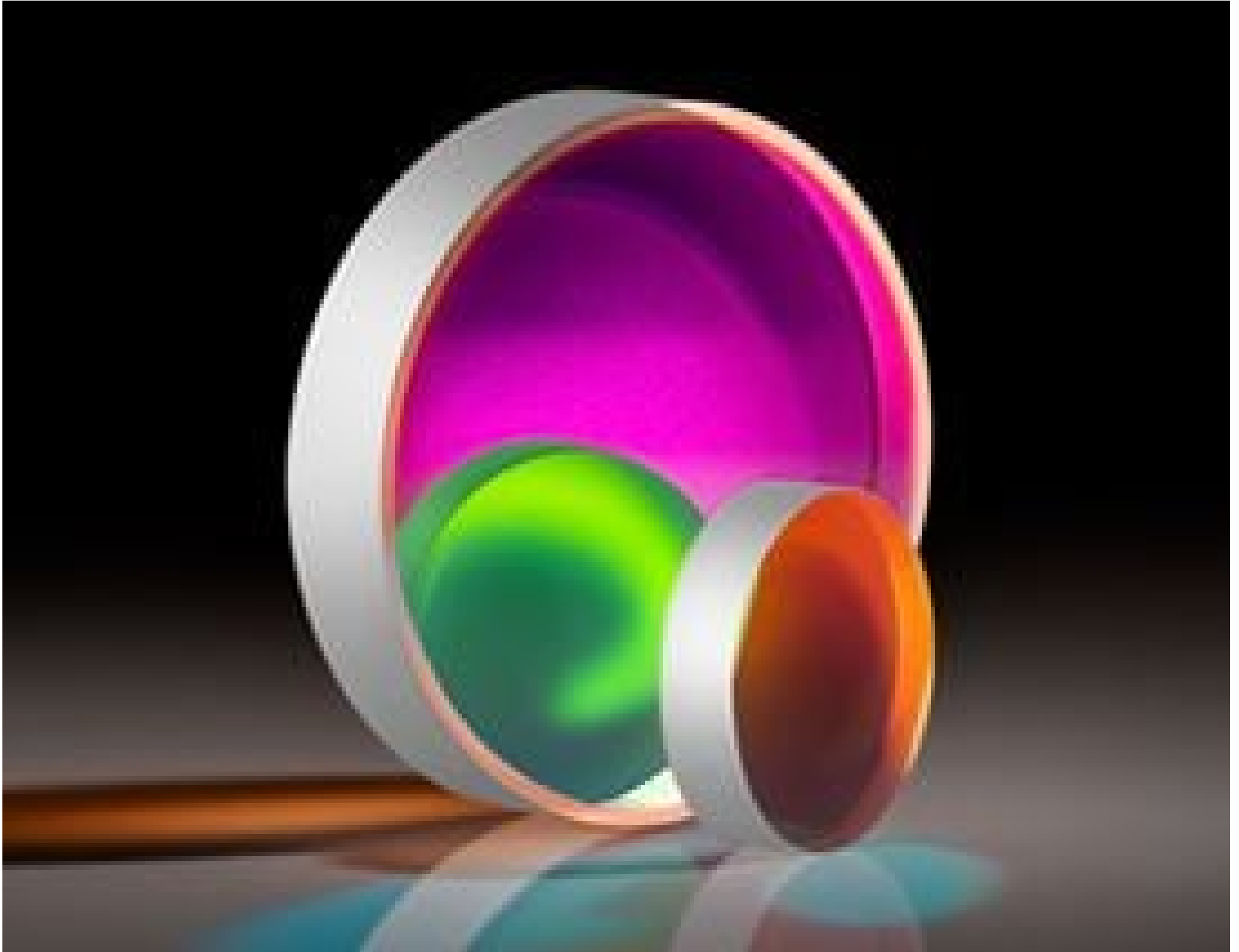


25.4mm Dia. 1064nm 0°, Low Cost Laser Line Mirror



Stock #38-622 3-4 DAYS

⊖ 1 ⊕ €118.⁰⁰

ADD TO CART

Qty 1-10

€118,00

Qty 11+

€105,00

Volume Pricing

[Request Quote](#)

Prices shown are exclusive of VAT/local taxes

Product Downloads



SPECIFICATIONS

General

Type:
Laser Mirror

Physical & Mechanical Properties

Parallelism (arcmin):

<3

Clear Aperture (%):

>90

Back Surface:

Commercial Polish

Diameter (mm):

25.40 +0.0/-0.1

Thickness (mm):

6.35 ±0.2

Optical Properties

Surface Quality:

20-10

Reflection at DWL (%):

99

Coating Specification:

R_{abs} >99% @ 1064nm

Surface Flatness (P-V):

λ/10

Coating Type:

Dielectric

Coating:

Laser Mirror (1064nm)

Design Wavelength DWL (nm):

1064

Angle of Incidence (°):

0

Substrate:

[N-BK7](#)

Damage Threshold, By Design:

5 J/cm² @ 1064nm, 20ns, 20Hz

Regulatory Compliance

RoHS:

[Compliant](#)

Certificate of Conformance:

[View](#)

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