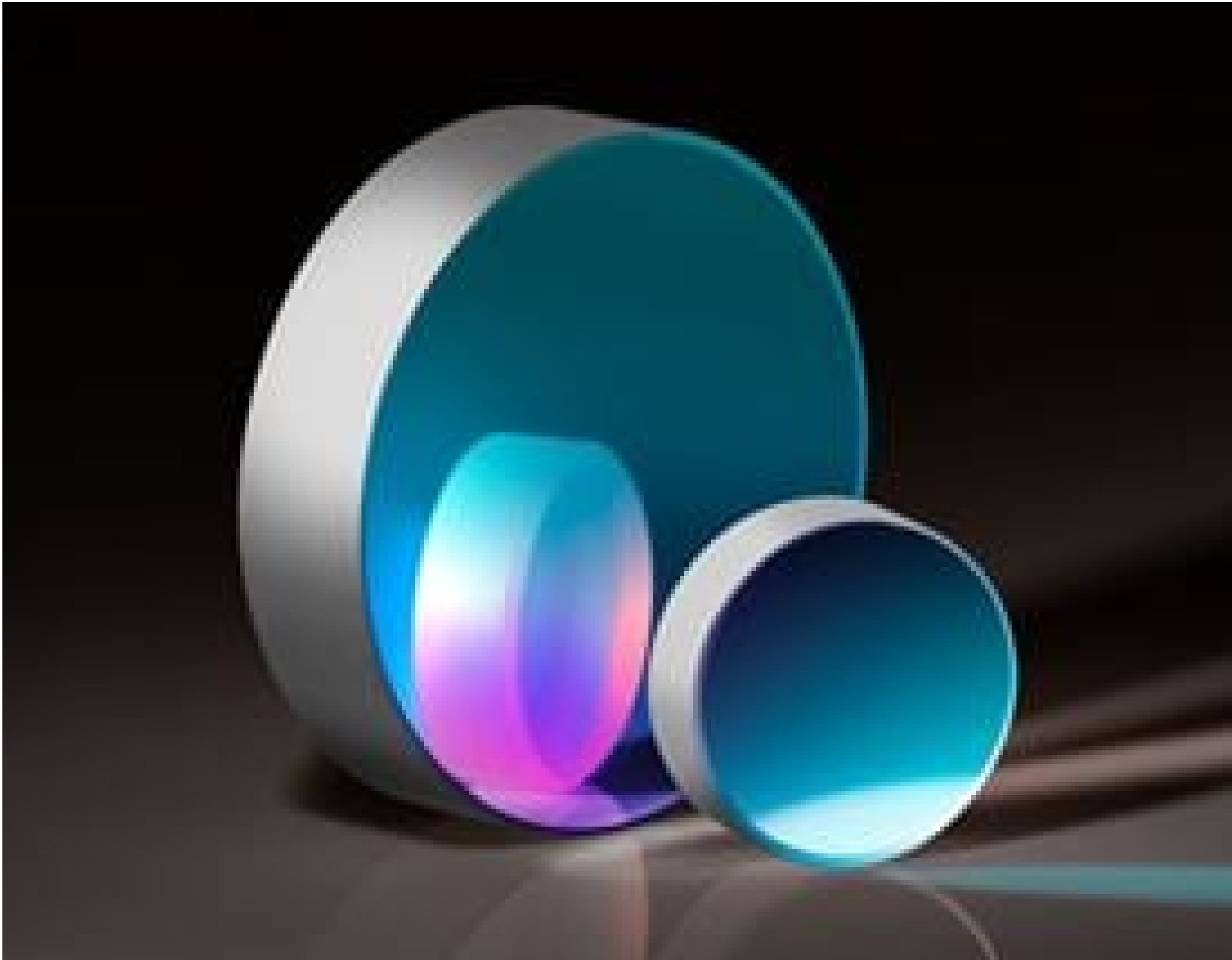


TECHSPEC<sup>®</sup> 25.4mm Dia. NIR, Precision Broadband Laser Mirror



Stock **#45-597** 20+ In Stock

-

1

+

A\$265<sup>.33</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | A\$265.33 each                |
| Qty 6+         | A\$234.02 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

SPECIFICATIONS

General

Laser Mirror

Type:

Optical Power: *N/A*

Note:

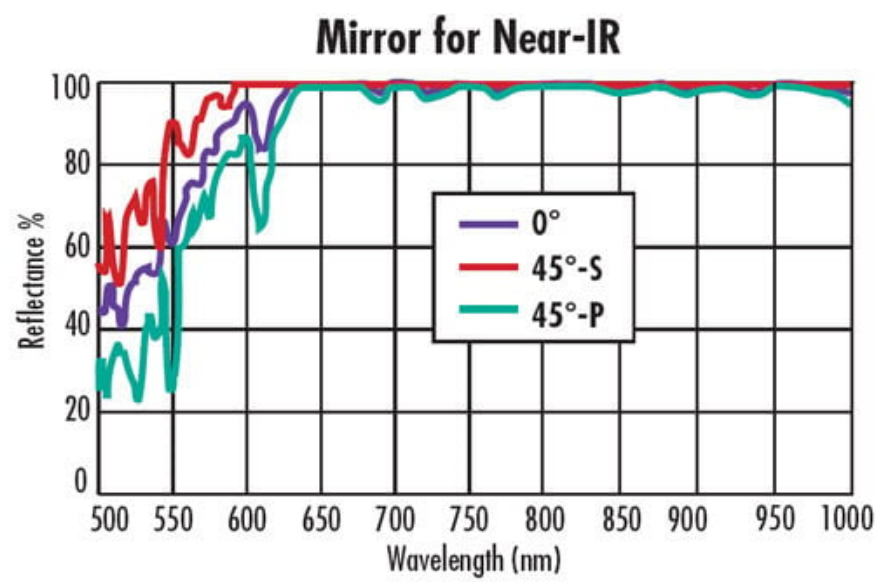
| Physical & Mechanical Properties            |                                                       |
|---------------------------------------------|-------------------------------------------------------|
| >80                                         | Clear Aperture (%):                                   |
| Ground                                      | Back Surface:                                         |
| 25.40 +0.0/-0.2                             | Diameter (mm):                                        |
| 8.00 ±0.3                                   | Thickness (mm):                                       |
| Optical Properties                          |                                                       |
| 20-10                                       | Surface Quality:                                      |
| R <sub>avg</sub> >99% @ 700 - 900nm         | Coating Specification:                                |
| 700 - 900                                   | Wavelength Range (nm):                                |
| λ/10                                        | Surface Flatness (P-V):                               |
| λ/20                                        | Irregularity (P-V) @ 632.8nm:                         |
| Dielectric                                  | Coating Type:                                         |
| Dielectric Mirror (700-900nm)               | Coating:                                              |
| 0-45                                        | Angle of Incidence (°):                               |
| <a href="#">Fused Silica</a> (Corning 7980) | Substrate: <input type="checkbox"/>                   |
| 10 J/cm <sup>2</sup> @ 10ns                 | Damage Threshold, By Design: <input type="checkbox"/> |
| Environmental & Durability Factors          |                                                       |
| ML-M-13508-C                                | Durability:                                           |
| Regulatory Compliance                       |                                                       |
| <a href="#">Compliant</a>                   | RoHS 2015:                                            |
| <a href="#">Compliant</a>                   | REACH 201:                                            |
| <a href="#">View</a>                        | Certificate of Conformance:                           |

## PRODUCT DETAILS

- Ideal for Tunable Lasers and Reflecting Multiple Laser Sources
  - High Reflectivity from 0 - 45° for All Polarization States
  - Variety of Coating Options Available
- TECHSPEC® Precision Broadband Laser Mirrors feature high reflectivity and are ideal for UV, visible, and NIR beam steering applications. The broadband dielectric enhanced silver coatings feature >98% reflectivity from 450nm to 12µm wavelengths at incident angles from 0 - 45°. These mirrors meet ML-M-13508-C durability standards. [TECHSPEC® Precision Broadband Laser Mirrors](#) are ideal for demanding laser applications requiring high laser damage thresholds including laser scanning and beam steering. The mirrors have a BOROFLOAT® substrate, and are offered in 12.70, 25.40, and 50.80mm diameters.



## TECHNICAL INFORMATION



## CUSTOM

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](#).

## COMPATIBLE MOUNTS