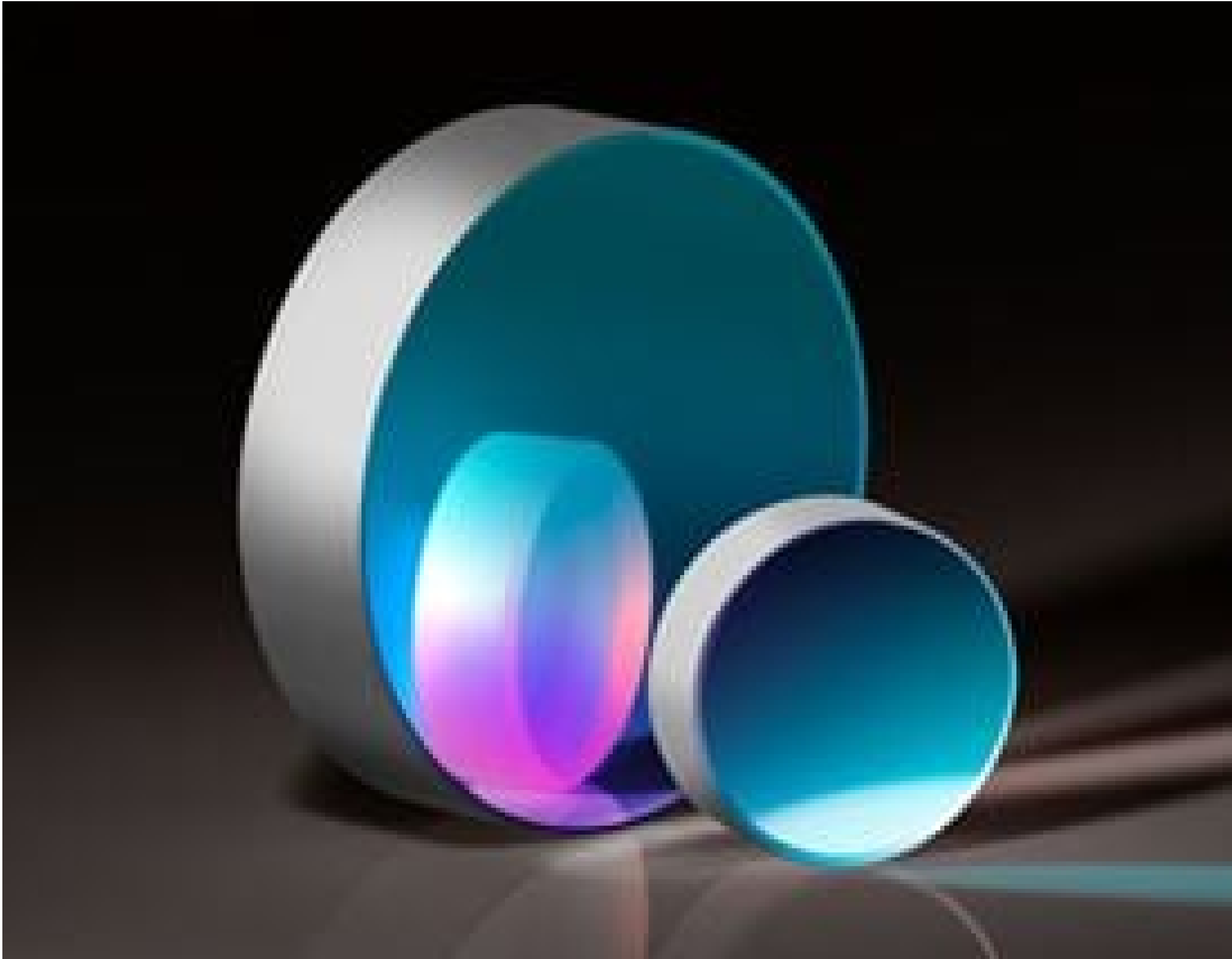


TECHSPEC[®] 25.4mm Dia. NIR, Precision Broadband Laser Mirror



Stock #45-597 11 In Stock

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1

+

C\$243^{.60}

ADD TO CART

Volume Pricing	
Qty 1-5	C\$243.60 each
Qty 6-25	C\$215.60 each
Need More?	Request Quote

Product Downloads

General	
Laser Mirror	Type:
Optical Power: <i>N</i> /10	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 _{avg} >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 (°):
Fused Silica (Corning 7980)	Substrate: ☐
10 J/cm ² @ 10ns	Damage Threshold, By Design: ☐

Environmental & Durability Factors	
ML-M-13508-C	Durability:

Regulatory Compliance	
Compliant	RoHS 2015:
Compliant	REACH 201:
View	Certificate of Conformance:

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](#).

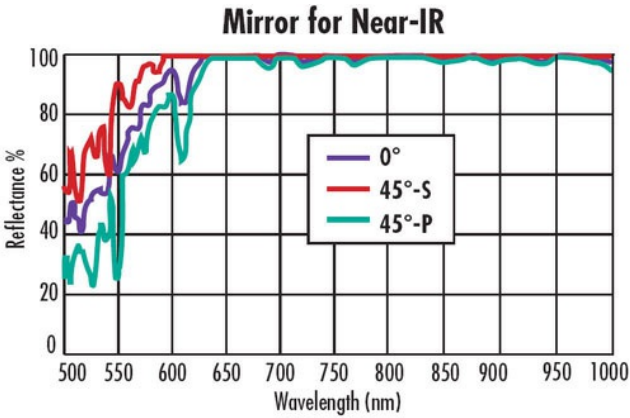
Product Details

- 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



Compatible Mounts

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