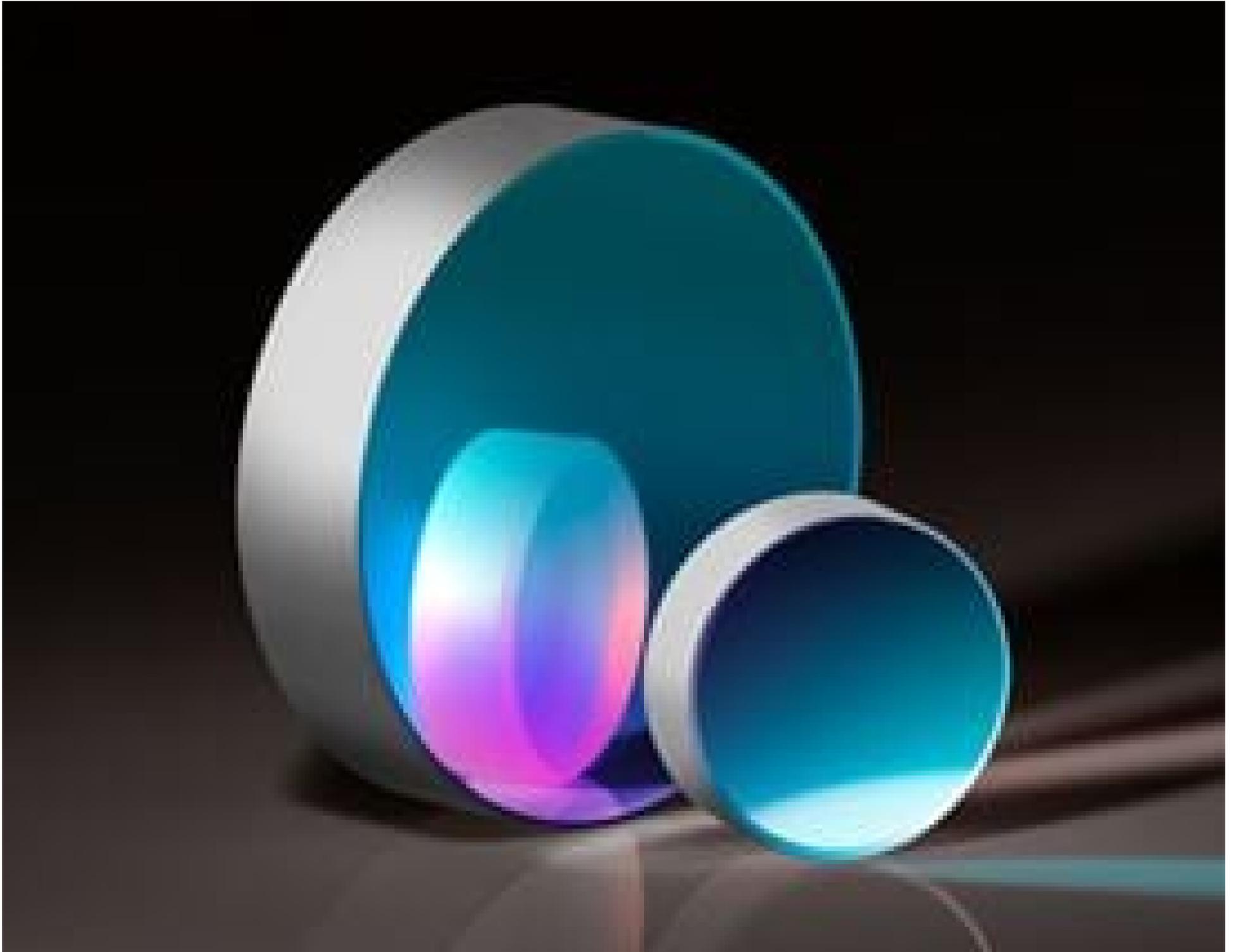


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**TECHSPEC® 50.8mm Dia. VIS, Precision Broadband Laser Mirror**



Stock #75-420 **NEW** 9 In Stock

- 1 + €351<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	€351,00 each
Qty 6-25	€309,00 each
Need More?	<a href="#">Request Quote</a>

**i** Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Laser Mirror **Type:**  
Optical Power:  $\lambda/10$  **Note:**

**Physical & Mechanical Properties**

>90 **Clear Aperture (%):**

Ground	<b>Back Surface:</b>
50.80 0.0/-0.1	<b>Diameter (mm):</b>
12.50 ±0.2	<b>Thickness (mm):</b>
<b>Optical Properties</b>	
20-10	<b>Surface Quality:</b>
R <sub>avg</sub> >99% @400 - 700nm	<b>Coating Specification:</b>
400 - 700	<b>Wavelength Range (nm):</b>
λ/20	<b>Irregularity (P-V) @ 632.8nm:</b>
Dielectric	<b>Coating Type:</b>
Dielectric Mirror (400-700nm)	<b>Coating:</b>
0-45	<b>Angle of Incidence (°):</b>
<a href="#">Fused Silica</a> (Corning 7980)	<b>Substrate:</b> <input type="checkbox"/>
1 J/cm <sup>2</sup> @ 10ns @ 532nm	<b>Damage Threshold, By Design:</b> <input type="checkbox"/>

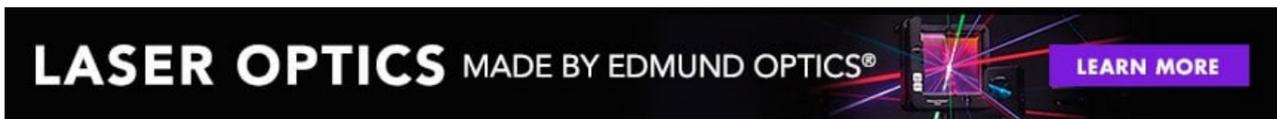
<b>Environmental &amp; Durability Factors</b>	
ML-PRF-13830B	<b>Durability:</b>

<b>Regulatory Compliance</b>	
<a href="#">View</a>	<b>Certificate of Conformance:</b>

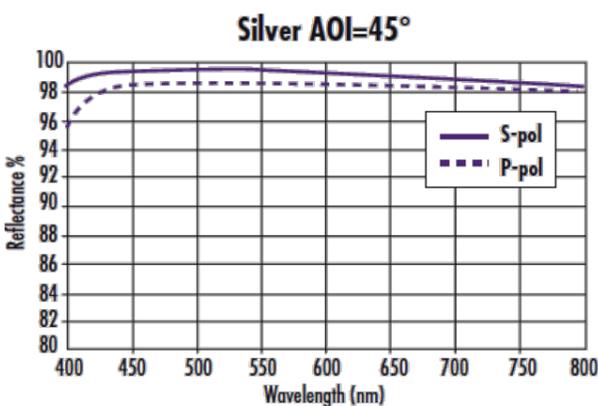
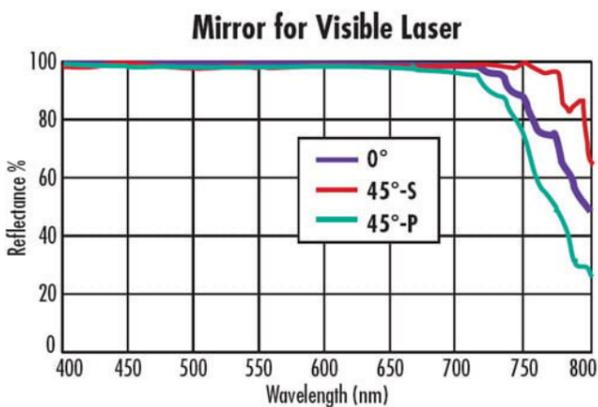
## Product Details

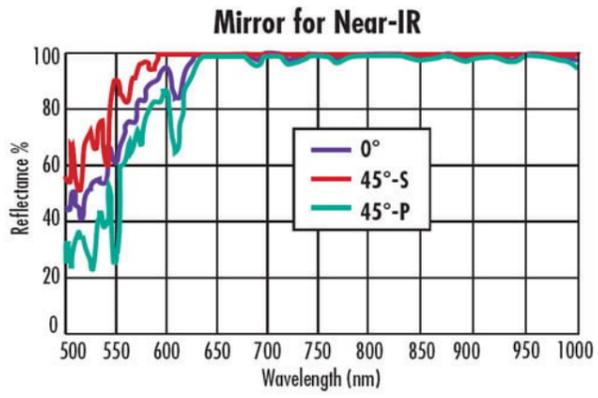
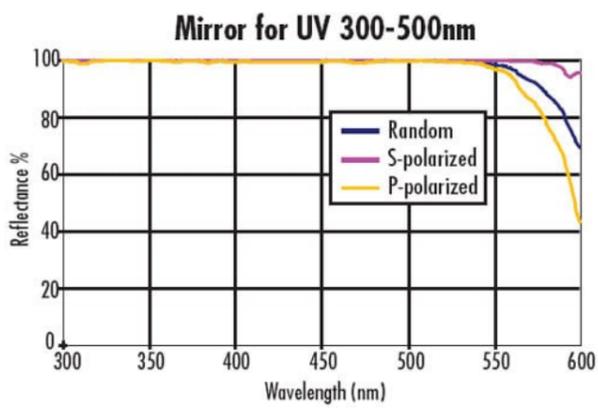
- Ideal for Tunable Lasers and Reflecting Multiple Laser Sources
- High Reflectivity from 0 - 45° for All Polarization States
- Variety of Coating Options Available

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](#).