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



Stock #75-421 **NEW** 5 In Stock

- 1 + MRP ₹35,413

**i** Price inclusive of all taxes

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Volume Pricing	
Qty 1-5	₹35,413 each
Qty 6-25	₹31,176 each
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**General**

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

**Physical & Mechanical Properties**

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

Ground	
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% @ 700 - 900nm	<b>Coating Specification:</b>
700 - 900	<b>Wavelength Range (nm):</b>
λ/20	<b>Irregularity (P-V) @ 632.8nm:</b>
Dielectric	<b>Coating Type:</b>
Dielectric Mirror (700-900nm)	<b>Coating:</b>
0-45	<b>Angle of Incidence (°):</b>
<a href="#">Fused Silica</a> (Corning 7980)	<b>Substrate:</b> <input type="checkbox"/>
20 J/cm <sup>2</sup> @ 10ns @ 800nm	<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>
United States	<b>Country of Origin:</b>
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	<b>Imported By:</b>

## 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:

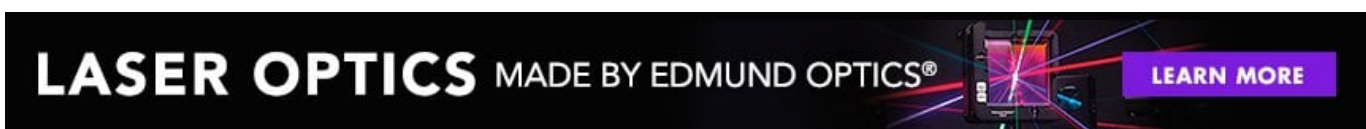
- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

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

## Product Details

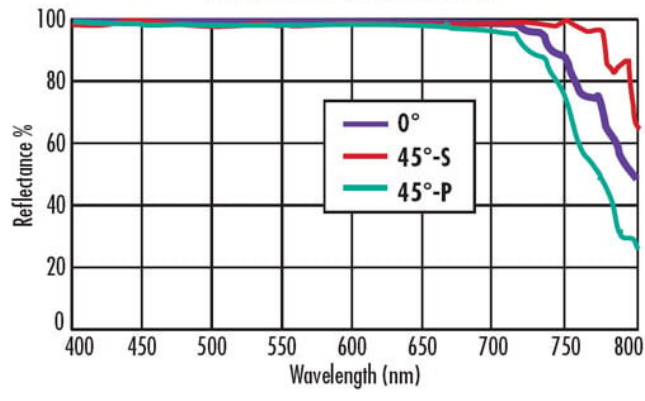
- Ideal for Tunable Lasers and Reflecting Multiple Laser Sources
- High Reflectivity from 0 - 45° for All Polarization States
- Variety of Coating Options Available

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.

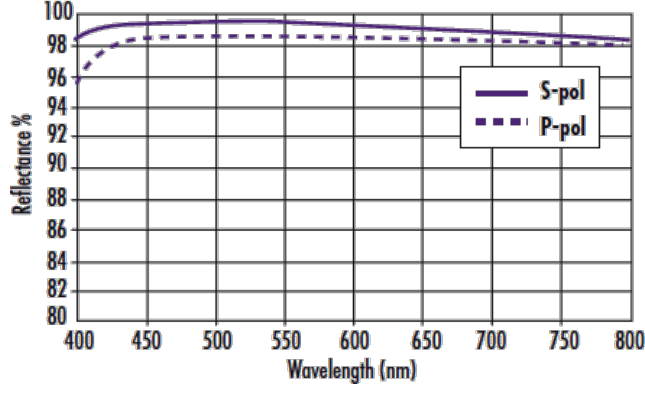


## Technical Information

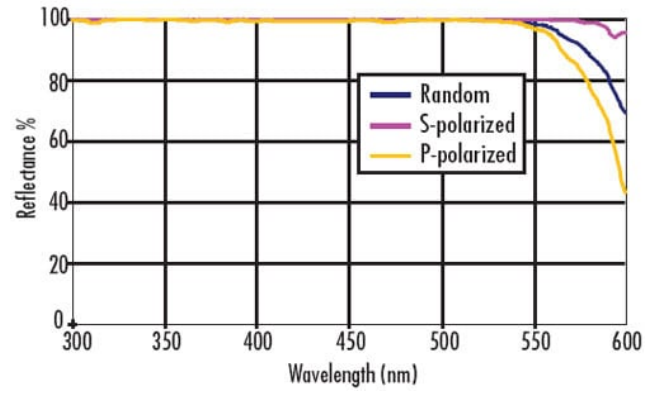
### Mirror for Visible Laser



### Silver AOI=45°



### Mirror for UV 300-500nm



### Mirror for Near-IR

