

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



Stock #75-421 NEW 6 In Stock

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1

+

€351^{.00}

ADD TO CART

Volume Pricing	
Qty 1-5	€351,00 each
Qty 6-25	€309,00 each
Need More?	Request Quote

 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	Back Surface:
50.80 0.0/-0.1	Diameter (mm):
12.50 ±0.2	Thickness (mm):
Optical Properties	
20-10	Surface Quality:
R _{avg} >99% @ 700 - 900nm	Coating Specification:
700 - 900	Wavelength Range (nm):
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: ☐
20 J/cm ² @ 10ns @ 800nm	Damage Threshold, By Design: ☐

Environmental & Durability Factors

ML-PRF-13830B	Durability:
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Regulatory Compliance

View	Certificate of Conformance:
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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

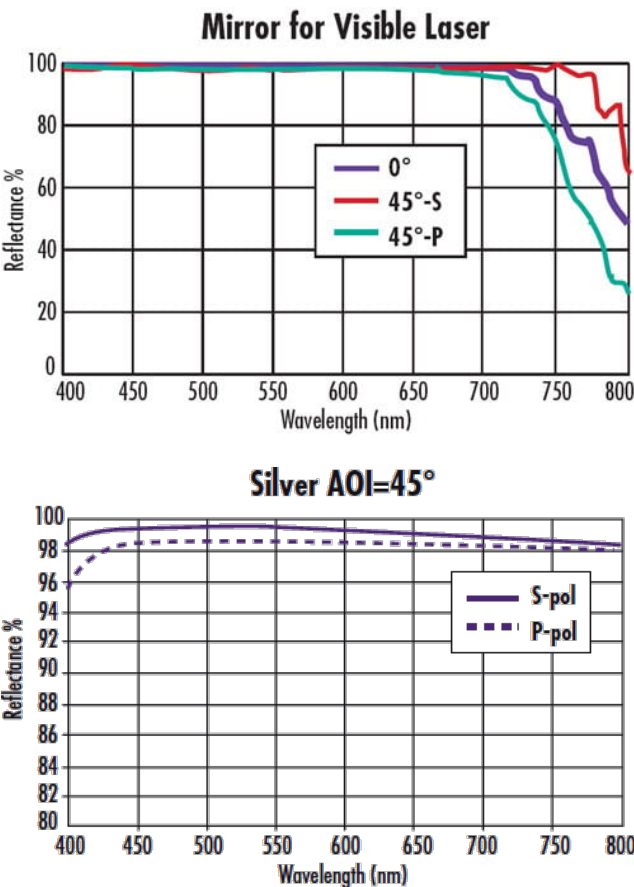
TECHSPEC® Precision Broadband Laser Mirrors feature high reflectivity and are ideal for UV, visible, and NIR beam steering applications. The broadband dielectric enhanced silver coatings feature >98% reflectivity from 450nm to 12μm wavelengths at incident angles from 0 - 45°. These mirrors meet ML-M-13508-C 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.

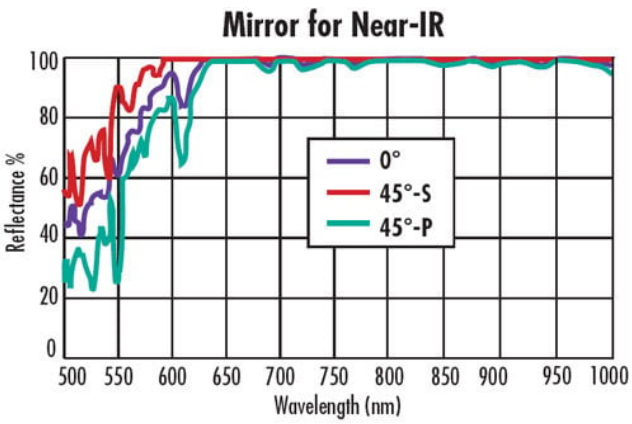
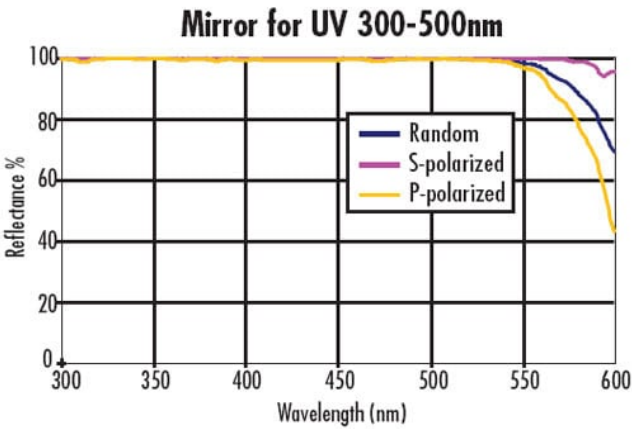
LASER OPTICS

MADE BY EDMUND OPTICS®



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](#).