

TECHSPEC[®] 12.7mm Dia. VIS, Precision Broadband Laser Mirror



Stock **#45-754** 20+ In Stock

-

1

+

S\$197^{.40}

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Volume Pricing	
Qty 1-5	S\$197.40 each
Qty 6-25	S\$173.60 each
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General

Laser Mirror

Type:

Optical Power: *N*/10

Note:

Physical & Mechanical Properties

>80

Clear Aperture (%):

Ground

Back Surface:

12.70 +0.0/-0.2	Diameter (mm):
5.00 ±0.1	Thickness (mm):
Optical Properties	
20-10	Surface Quality:
R _{avg} >99% @400 - 700nm	Coating Specification:
400 - 700	Wavelength Range (nm):
λ/10	Surface Flatness (P-V):
λ/20	Irregularity (P-V) @ 632.8nm:
Dielectric	Coating Type:
Dielectric Mirror (400-700nm)	Coating:
0-45	Angle of Incidence (°):
Fused Silica (Corning 7980)	Substrate: ☐
1 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:

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.

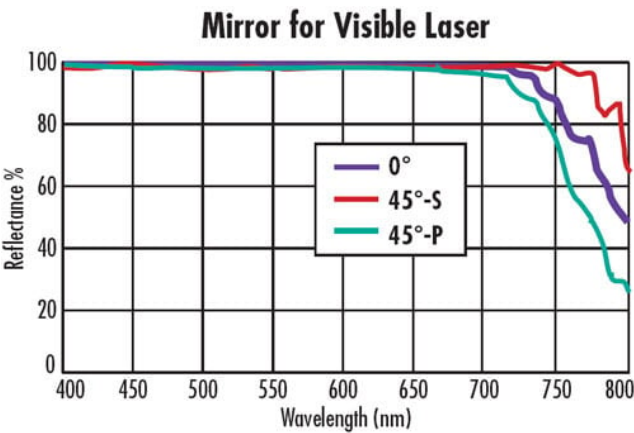
LASER OPTICS

MADE BY EDMUND OPTICS®



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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

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