

TECHSPEC<sup>®</sup> 12.7mm Dia. Silver, Precision Broadband Laser Mirror



Stock **#45-757** 20+ In Stock

-

1

+

S\$197<sup>.40</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | S\$197.40 each                |
| Qty 6-25       | S\$173.60 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

General

Laser Mirror

Type:

Optical Power:  $\lambda/10$

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 <sub>avg</sub> >98% @0.45 - 12.0µm | Coating Specification:                                |
| 450 - 12000                          | Wavelength Range (nm):                                |
| λ/10                                 | Surface Flatness (P-V):                               |
| λ/20                                 | Irregularity (P-V) @ 632.8nm:                         |
| Metal                                | Coating Type:                                         |
| Protected Silver (450-12000nm)       | Coating:                                              |
| 0-45                                 | Angle of Incidence (°):                               |
| <a href="#">BOROFLOAT®</a>           | Substrate: <input type="checkbox"/>                   |
| 0.5 J/cm <sup>2</sup> @ 10ns         | Damage Threshold, By Design: <input type="checkbox"/> |

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

|                           |                             |
|---------------------------|-----------------------------|
| Regulatory Compliance     |                             |
| <a href="#">Compliant</a> | RoHS 2015:                  |
| <a href="#">Compliant</a> | REACH 201:                  |
| <a href="#">View</a>      | 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.

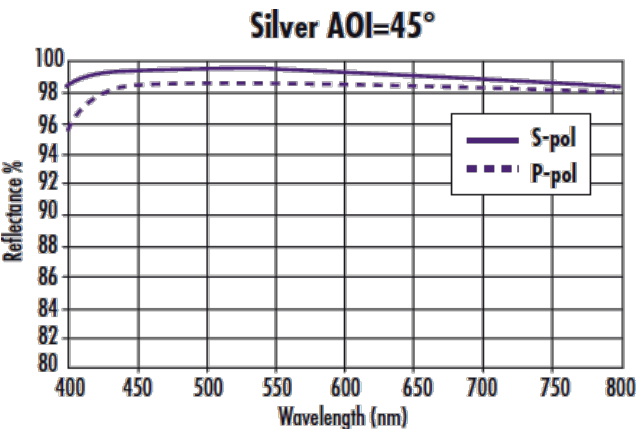
LASER OPTICS

MADE BY EDMUND OPTICS®



LEARN MORE

## 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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