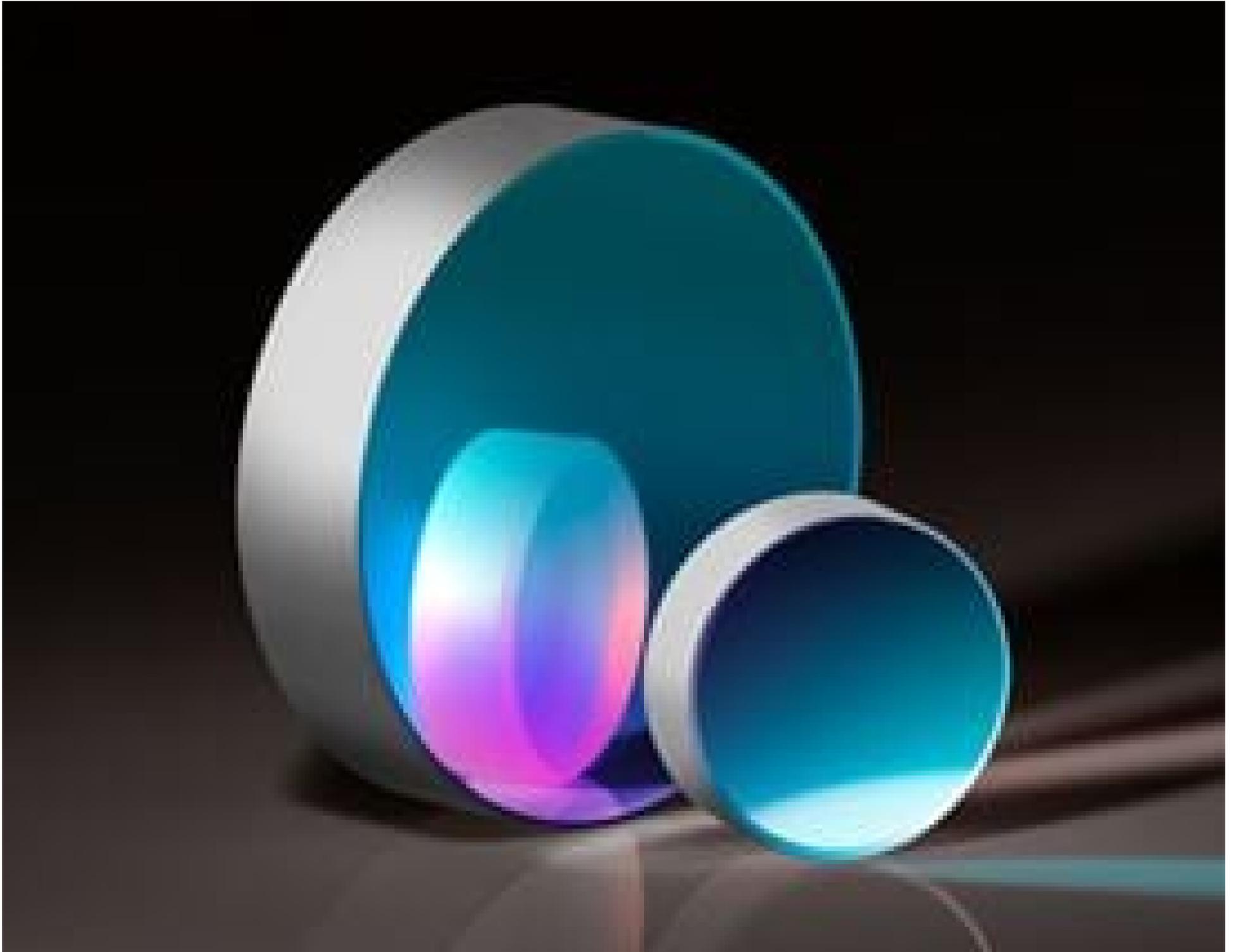


**TECHSPEC® 12.7mm Dia. NIR, Precision Broadband Laser Mirror**



Stock #45-755 20+ In Stock

⊖ 1 ⊕ ₹10,121

**ADD TO CART**

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | ₹10,121 each                  |
| Qty 6+         | ₹8,953 each                   |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

**General**

Laser Mirror **Type:**

Optical Power: N10 **Note:**

**Physical & Mechanical Properties**

>80 **Clear Aperture (%):**

Ground **Back Surface:**

|  |  |
|--|--|
| 12.70 +0.0/-0.2                            | <b>Diameter (mm):</b>  |
| 5.00 ±0.1                                  | <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>                                |
| λ10  | <b>Surface Flatness (P-V):</b>                               |
| λ20  | <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> (Coming 7980) | <b>Substrate:</b> <input type="checkbox"/>                   |
| 10 J/cm <sup>2</sup> @ 10ns                | <b>Damage Threshold, By Design:</b> <input type="checkbox"/> |

|   |                    |
|---|--------------------|
| <b>Environmental &amp; Durability Factors</b> |                    |
| ML-M-13508-C                                  | <b>Durability:</b> |

|                                     |                                    |
|-------------------------------------|------------------------------------|
| <b>Regulatory Compliance</b>        |                                    |
| <a href="#">Compliant</a>           | <b>RoHS 2015:</b>                  |
| <a href="#">Compliant</a>           | <b>REACH 201:</b>                  |
| <a href="#">View</a>                | <b>Certificate of Conformance:</b> |
| Liechtenstein                       | <b>Country of Origin:</b>          |
| Edmund Optics India Private Limited | <b>Imported By:</b>                |

## 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:

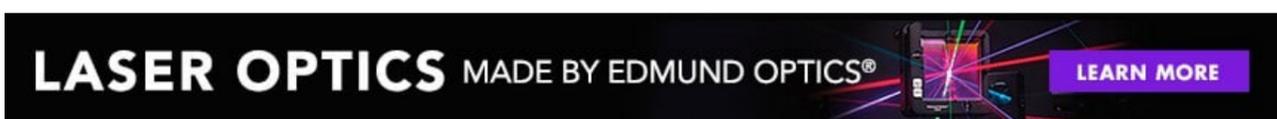
- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

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

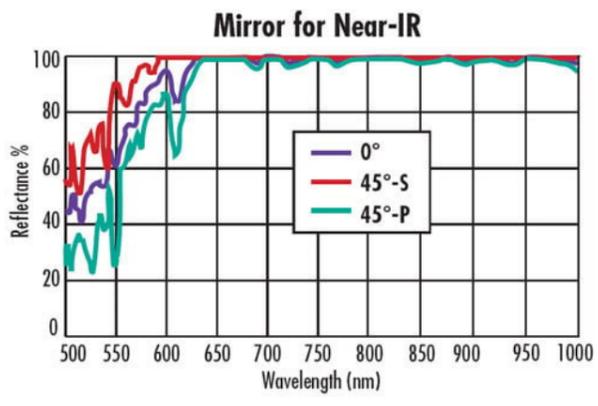
## Product Details

- 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



## Compatible Mounts

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