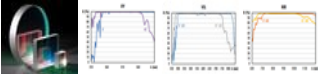
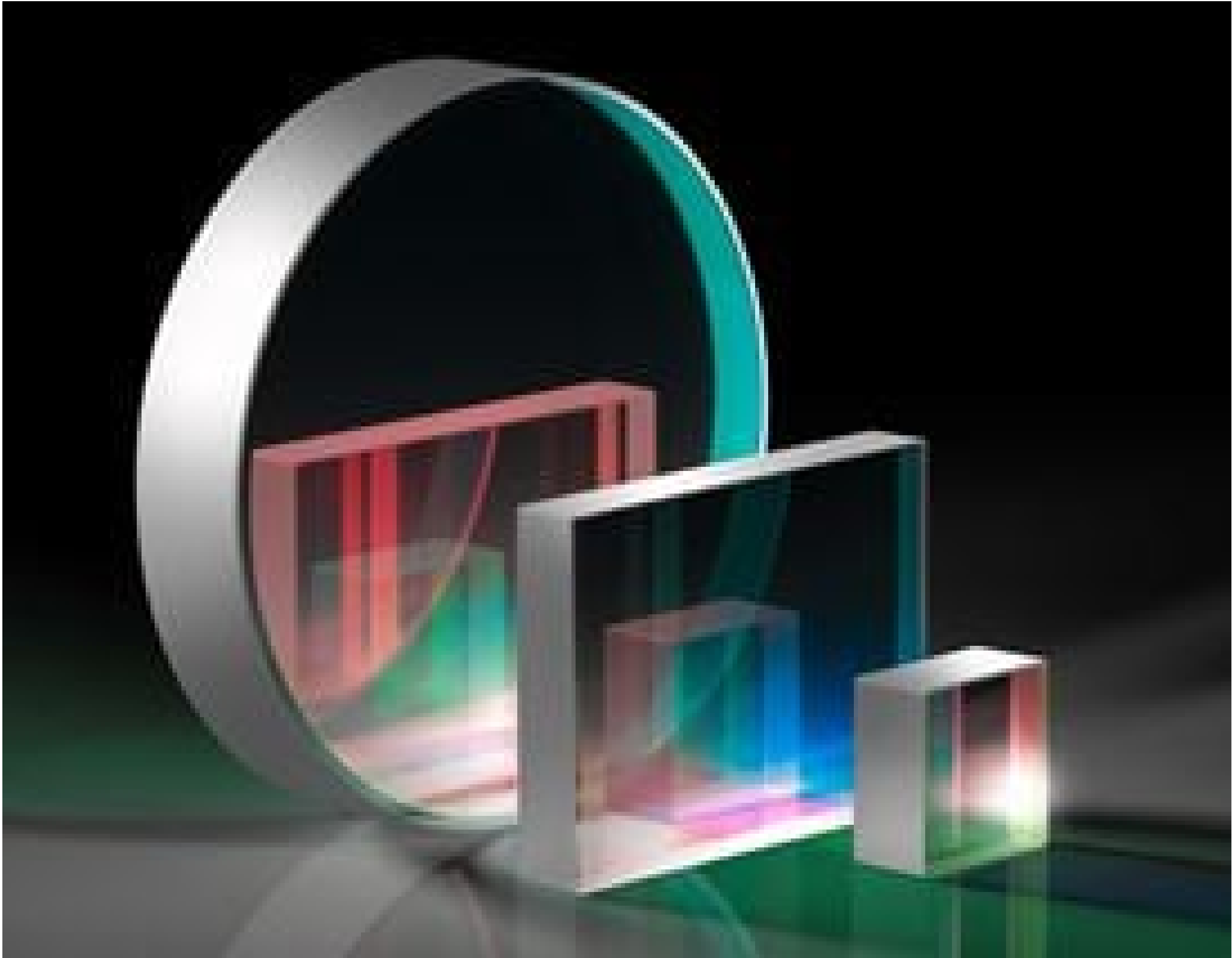


TECHSPEC<sup>®</sup> 20mm Dia. 320 - 450nm Broadband  $\lambda$ /10 Mirror



Stock **#37-563** 3 In Stock

-

1

+

₹9,731

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | ₹9,731 each                   |
| Qty 6-25       | ₹7,785 each                   |
| Qty 26-49      | ₹7,318 each                   |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

General

Type:  
Flat Mirror

Physical & Mechanical Properties

Diameter (mm):  
20.00 +0.00/-0.20

|                         |                       |
|-------------------------|-----------------------|
| 3.00 ±0.20              | Thickness (mm):       |
| Commercial Polish       | Back Surface:         |
| 90                      | Clear Aperture (%):   |
| Ground, 0.5mm max bevel | Edges:                |
| <0.5                    | Parallelism (arcmin): |

|                                                                                                                                                                                                                    |                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| Optical Properties                                                                                                                                                                                                 |                                     |
| Dielectric                                                                                                                                                                                                         | Coating Type:                       |
| Dielectric Mirror (320-450nm)                                                                                                                                                                                      | Coating:                            |
| λ/10                                                                                                                                                                                                               | Surface Flatness (P-V):             |
| 320 - 450                                                                                                                                                                                                          | Wavelength Range (nm):              |
| <a href="#">Fused Silica</a> (Corning 7980)                                                                                                                                                                        | Substrate: <input type="checkbox"/> |
| 0-45                                                                                                                                                                                                               | Angle of Incidence (°):             |
| Coating Specification:<br>R <sub>avg</sub> >98% @ 340 - 488nm (0°, All Polarizations)<br>R <sub>avg</sub> >98% @ 320 - 450nm (45°, All Polarizations)<br>R <sub>avg</sub> >99% @ 320 - 450nm (45°, S-Polarization) |                                     |
| 20-10                                                                                                                                                                                                              | Surface Quality:                    |
| Damage Threshold, By Design: <input type="checkbox"/><br>0.5 J/cm <sup>2</sup> @ 355nm, 20ns, 20Hz                                                                                                                 |                                     |

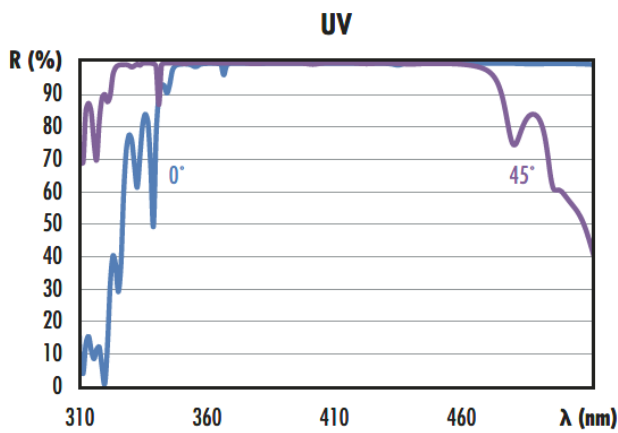
|                                     |                             |
|-------------------------------------|-----------------------------|
| Regulatory Compliance               |                             |
| <a href="#">Compliant</a>           | RoHS 2015:                  |
| <a href="#">Compliant</a>           | Reach 209:                  |
| <a href="#">View</a>                | Certificate of Conformance: |
| United States                       | Country of Origin:          |
| Edmund Optics India Private Limited | Imported By:                |

## Product Details

- Enhanced Reflectivity and LIDT over Metallic Coatings
- Average Reflectivity >99% Over Broad UV, Visible, and NIR Wavelengths
- Designed for all Polarization States from 0 – 45° AOI

TECHSPEC® Broadband Dielectric λ/10 Mirrors are ideal for beam steering or reflection applications utilizing multiple laser sources. These mirrors feature greater than 99% reflection, significantly better than metal-coated mirrors, and increase system performance by minimizing energy loss. The highly durable fused silica substrate offers a low thermal expansion coefficient and a high abrasion resistance. TECHSPEC® Broadband Dielectric λ/10 Mirrors are designed for applications from the UV to the near-infrared spectra.

## Technical Information



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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