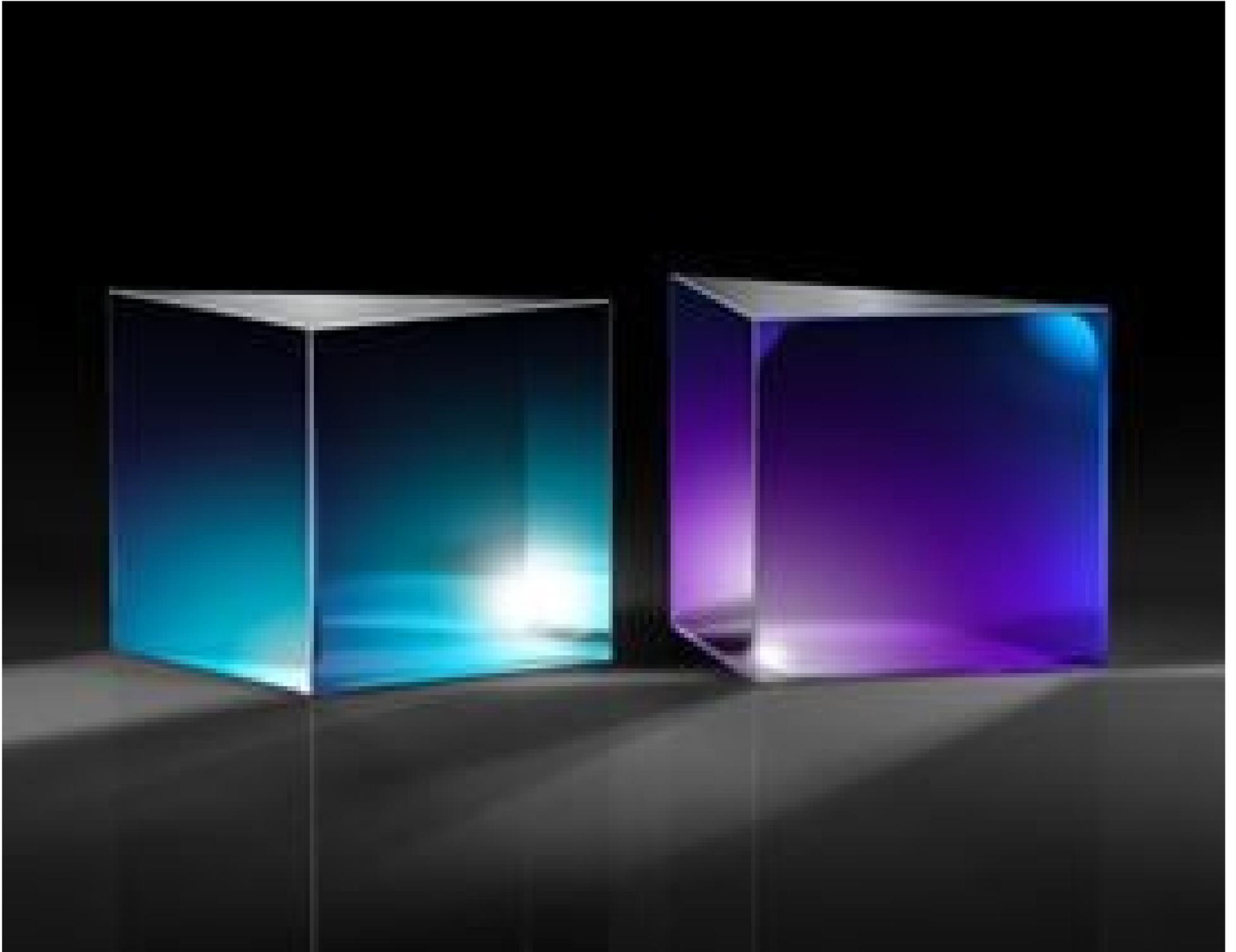


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**TECHSPEC® 75mm, 400 - 750nm Broadband Dielectric, N-BK7 90° Specialty Mirror**



Broadband Dielectric 90° Specialty Mirrors

Stock #26-457 **3 In Stock**

⊖ 1 ⊕ ₹64,226

**ADD TO CART**

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | ₹64,226 each                  |
| Qty 6-25       | ₹51,381 each                  |
| Qty 26-49      | ₹48,267 each                  |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

**General**

Right Angle Mirror **Type:**

**Physical & Mechanical Properties**

Protective as needed **Bevel:**

90.00 **Clear Aperture (%):**

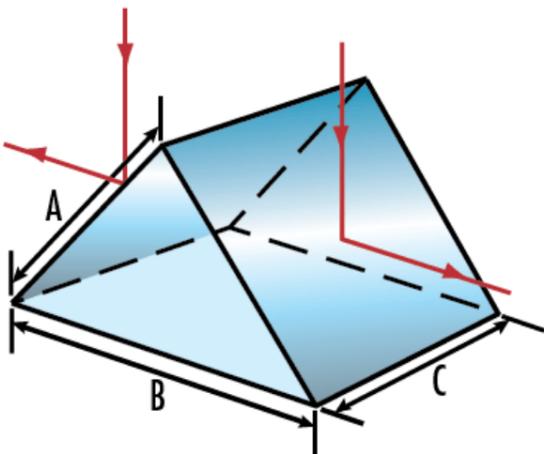
|  |  |
|--|--|
| ±0.1   | <b>Dimensional Tolerance (mm):</b>         |
| 106.10   | <b>Length of Hypotenuse (mm):</b>          |
| 75.00  | <b>Length of Legs (mm):</b>                |
| <b>Optical Properties</b>  |  |
| ±2   | <b>Angle Tolerance (arcmin):</b>           |
| Dielectric Mirror (400 - 750nm)  | <b>Coating:</b>                            |
| Legs - $R_{avg} \geq 98\%$ @ 400 - 750nm (0 - 45°)<br>$R_{avg} \geq 99\%$ @ 400 - 750nm (0°) | <b>Coating Specification:</b>              |
| 90.00  | <b>Ray Deviation (°):</b>                  |
| N-BK7  | <b>Substrate:</b> <input type="checkbox"/> |
| 40-20  | <b>Surface Quality:</b>                    |
| 400 - 750  | <b>Wavelength Range (nm):</b>              |
| Left-Handed  | <b>Image Orientation:</b>                  |
| 1.25   | <b>Power (fringes) @ 632.8nm:</b>          |
| 0.50   | <b>Irregularity (fringes) @ 632.8nm:</b>   |

|                                     |                                    |
|-------------------------------------|------------------------------------|
| <b>Regulatory Compliance</b>        |                                    |
| Compliant                           | <b>RoHS 2015:</b>                  |
| View                                | <b>Certificate of Conformance:</b> |
| Compliant                           | <b>Reach 235:</b>                  |
| United States                       | <b>Country of Origin:</b>          |
| Edmund Optics India Private Limited | <b>Imported By:</b>                |

## Product Details

- Splits Input Image into Two Paths Separated by 180°
  - >99% Average Reflectivity Over 400 – 750nm
  - Additional [Right Angle Prism](#) and [90° Specialty Mirror](#) Options Available
- TECHSPEC® Broadband Dielectric Coated Right Angle Mirrors (Legs Coated) are constructed from right angle prisms with a dielectric mirror coating on the two legs and an uncoated hypotenuse. The mirrored surfaces form a precise 90° angle, ideal for splitting an image from a single imaging lens onto two different cameras, or for combining two images onto a single camera. These mirrors are available in a range of sizes from 5 – 75mm and coated on an N-BK7 substrate. TECHSPEC® Broadband Dielectric Coated Right Angle Mirrors (Legs Coated) feature greater than 99% reflectivity from 400 – 750nm, increasing system performance by decreasing energy loss compared to standard metal coated mirrors.

## 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](#).

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