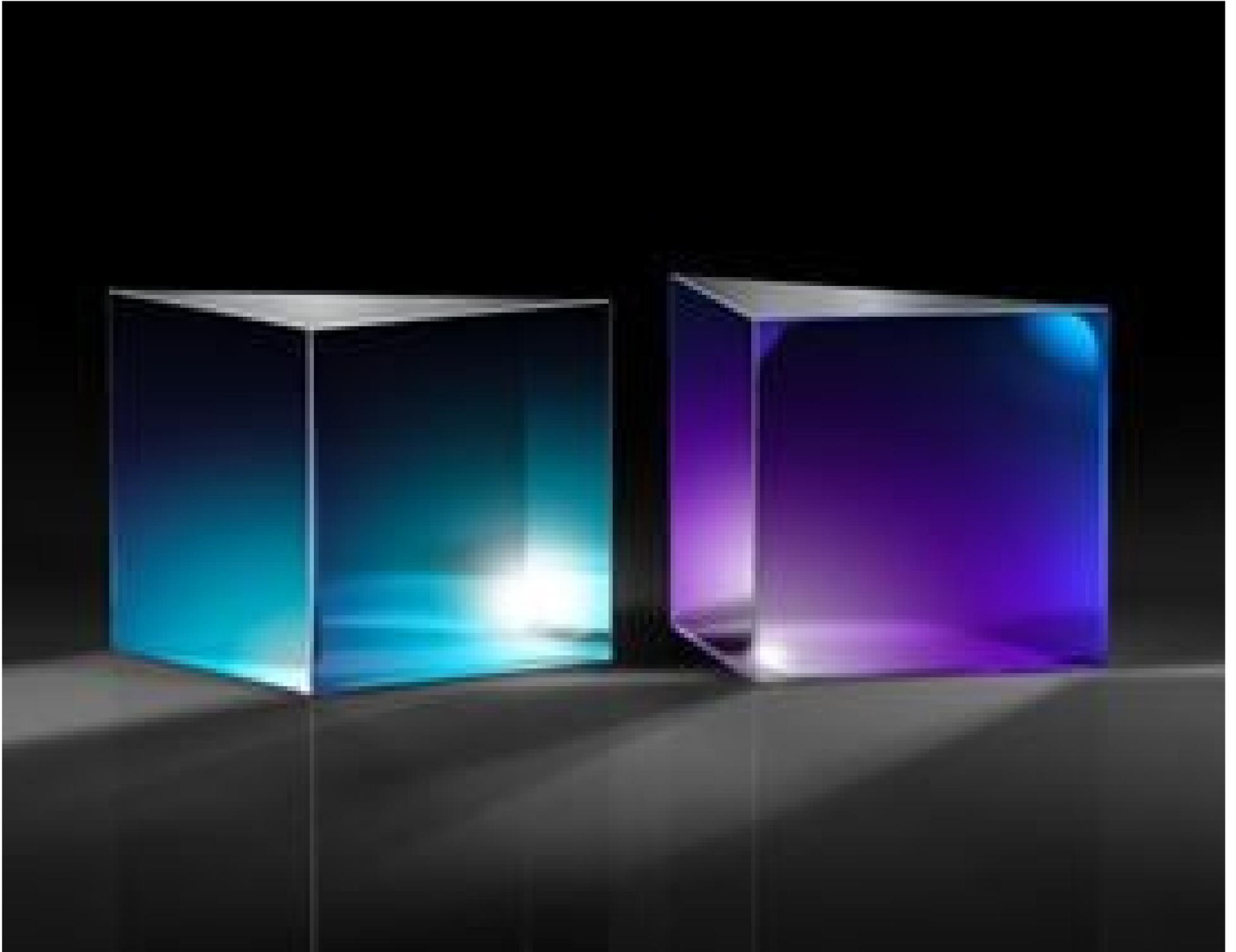


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**TECHSPEC® 15mm, 400 - 750nm Broadband Dielectric, N-BK7 90° Specialty Mirror**



Broadband Dielectric 90° Specialty Mirrors

Stock **#26-453** **5 In Stock**

⊖ 1 ⊕ **A\$318<sup>00</sup>**

**ADD TO CART**

Volume Pricing	
Qty 1-5	<b>A\$318.40</b> each
Qty 6-25	<b>A\$256.00</b> each
Qty 26-49	<b>A\$240.00</b> 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>
21.20	<b>Length of Hypotenuse (mm):</b>
15.00	<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°) $R_{avg} \geq 99\%$ @ 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>

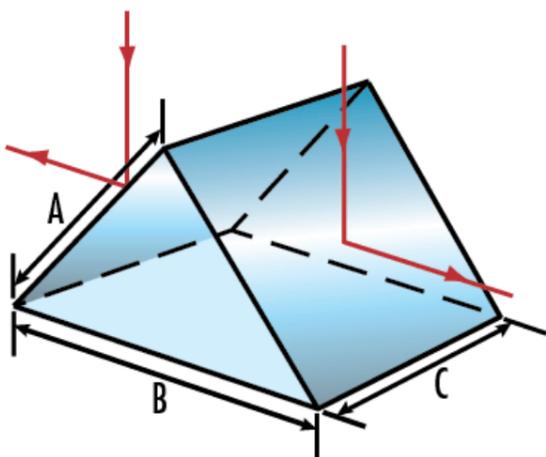
<b>Regulatory Compliance</b>	
Compliant	<b>RoHS 2015:</b>
View	<b>Certificate of Conformance:</b>
Compliant	<b>Reach 235:</b>

## 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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