

TECHSPEC<sup>®</sup> 25mm, 400 - 750nm Broadband Dielectric, N-BK7 90° Specialty Mirror



Broadband Dielectric 90° Specialty Mirrors

Stock **#26-455** [CONTACT US](#)

-

1

+

€255<sup>00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | €255,00 each                  |
| Qty 6-25       | €204,00 each                  |
| Qty 26-49      | €192,00 each                  |
| Need More?     | <a href="#">Request Quote</a> |

 Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:  
Right Angle Mirror

Physical & Mechanical Properties

Bevel:  
Protective as needed

Clear Aperture (%):

|                                                                                                  |                                     |
|--------------------------------------------------------------------------------------------------|-------------------------------------|
| 90.00                                                                                            |                                     |
| ±0.1                                                                                             | Dimensional Tolerance (mm):         |
| 35.40                                                                                            | Length of Hypotenuse (mm):          |
| 25.00                                                                                            | Length of Legs (mm):                |
| Optical Properties                                                                               |                                     |
| ±2                                                                                               | Angle Tolerance (arcmin):           |
| Dielectric Mirror (400 - 750nm)                                                                  | Coating:                            |
| Legs - R <sub>avg</sub> ≥98% @ 400 - 750nm (0 - 45°)<br>R <sub>avg</sub> ≥99% @ 400 - 750nm (0°) | Coating Specification:              |
| 90.00                                                                                            | Ray Deviation (°):                  |
| N-BK7                                                                                            | Substrate: <input type="checkbox"/> |
| 40-20                                                                                            | Surface Quality:                    |
| 400 - 750                                                                                        | Wavelength Range (nm):              |
| Left-Handed                                                                                      | Image Orientation:                  |
| 1.25                                                                                             | Power (fringes) @ 632.8nm:          |
| 0.50                                                                                             | Irregularity (fringes) @ 632.8nm:   |

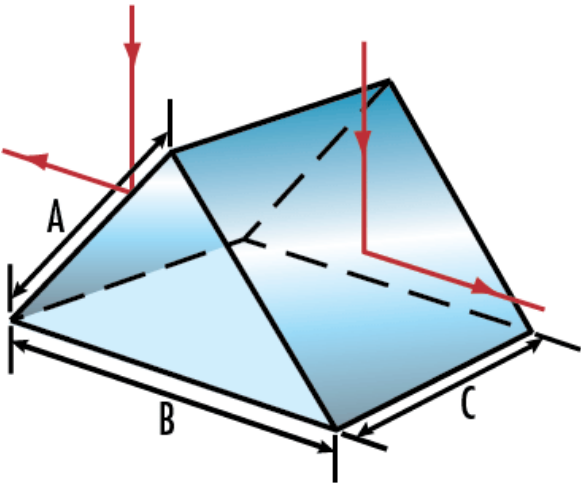
|                       |                             |
|-----------------------|-----------------------------|
| Regulatory Compliance |                             |
| Compliant             | RoHS 2015:                  |
| View                  | Certificate of Conformance: |
| Compliant             | Reach 235:                  |

## 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](#).

---