

TECHSPEC<sup>®</sup> 25mm, UV Enhanced Aluminum, N-BK7 90° Specialty Mirror



Stock #25-711 1 In Stock

-

1

+

A\$296<sup>.00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | A\$296.00 each                |
| Qty 6-25       | A\$236.80 each                |
| Qty 26-49      | A\$222.40 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

General

Right Angle Mirror

Type:

Physical & Mechanical Properties

22.5

Clear Aperture CA (mm):

±0.1

Dimensional Tolerance (mm):

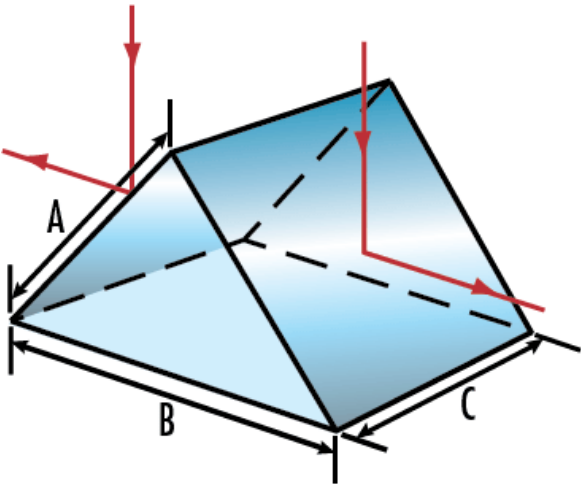
|                                                                            |                                                       |
|----------------------------------------------------------------------------|-------------------------------------------------------|
| Protective as needed                                                       | Bevel:                                                |
| 90.00                                                                      | Clear Aperture (%):                                   |
| 35.40                                                                      | Length of Hypotenuse (mm):                            |
| 25.00                                                                      | Length of Legs (mm):                                  |
| Optical Properties                                                         |                                                       |
| Enhanced Aluminum (250-700nm)                                              | Coating:                                              |
| N-BK7                                                                      | Substrate: <input type="checkbox"/>                   |
| 40-20                                                                      | Surface Quality:                                      |
| ±2                                                                         | Angle Tolerance (arcmin):                             |
| R <sub>avg</sub> >89% @ 250 - 450nm<br>R <sub>avg</sub> >85% @ 250 - 700nm | Coating Specification:                                |
| 250 - 700                                                                  | Wavelength Range (nm):                                |
| Metal                                                                      | Coating Type:                                         |
| 0.5 J/cm <sup>2</sup> @ 355nm, 10ns                                        | Damage Threshold, Reference: <input type="checkbox"/> |
| 1.25                                                                       | Power (fringes) @ 632.8nm:                            |
| 0.50                                                                       | Irregularity (fringes) @ 632.8nm:                     |

|                       |                             |
|-----------------------|-----------------------------|
| Regulatory Compliance |                             |
| Compliant             | RoHS 2015:                  |
| View                  | Certificate of Conformance: |
| Compliant             | Reach 247:                  |

## Product Details

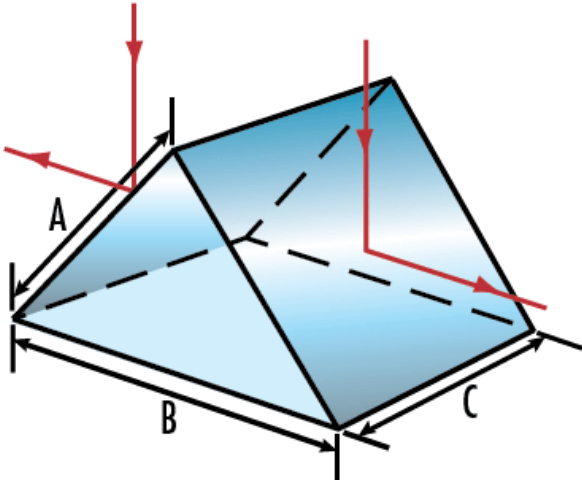
- Splits Input Image Into Two Paths Separated by 180°
  - Variety of Sizes and Broadband Coatings Available
  - Additional [Right Angle Prism](#) Options Available
- TECHSPEC® Right Angle Prism Mirrors (Leg Coated) are constructed from right angle prisms with a mirror coating on the two legs and an uncoated 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.

## Technical Information



| Stock No. | Coating                       | A   | B     | C   |
|-----------|-------------------------------|-----|-------|-----|
| #49-412   | Enhanced Aluminum (450-650nm) | 5mm | 7.1mm | 5mm |

|         |                                |      |         |      |
|---------|--------------------------------|------|---------|------|
| #65-847 | Protected Gold (700-10000nm)   |      |         |      |
| #21-185 | Protected Silver (450-10000nm) |      |         |      |
| #47-004 | Enhanced Aluminum (450-650nm)  | 10mm | 14.1mm  | 10mm |
| #47-237 | Protected Gold (700-10000nm)   |      |         |      |
| #21-186 | Protected Silver (450-10000nm) |      |         |      |
| #49-413 | Enhanced Aluminum (450-650nm)  | 15mm | 21.2mm  | 15mm |
| #65-848 | Protected Gold (700-10000nm)   |      |         |      |
| #21-187 | Protected Silver (450-10000nm) |      |         |      |
| #49-414 | Enhanced Aluminum (450-650nm)  | 20mm | 28.3mm  | 20mm |
| #65-849 | Protected Gold (700-10000nm)   |      |         |      |
| #21-188 | Protected Silver (450-10000nm) |      |         |      |
| #47-005 | Enhanced Aluminum (450-650nm)  | 25mm | 35.4mm  | 25mm |
| #47-238 | Protected Gold (700-10000nm)   |      |         |      |
| #21-189 | Protected Silver (450-10000nm) |      |         |      |
| #47-006 | Enhanced Aluminum (450-650nm)  | 50mm | 70.7mm  | 50mm |
| #47-239 | Protected Gold (700-10000nm)   |      |         |      |
| #21-190 | Protected Silver (450-10000nm) |      |         |      |
| #47-309 | Enhanced Aluminum (450-650nm)  | 75mm | 106.1mm | 75mm |
| #47-310 | Protected Gold (700-10000nm)   |      |         |      |
| #21-191 | Protected Silver (450-10000nm) |      |         |      |



## 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](#).