

**TECHSPEC® 40mm, Uncoated, N-BK7 Right Angle Prism**



N-BK7 Right Angle Prisms

Stock **#32-531** **20+ In Stock**

⊖ 1 ⊕ ₹14,310

**ADD TO CART**

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | ₹14,310 each                  |
| Qty 6-25       | ₹11,430 each                  |
| Qty 26-49      | ₹10,710 each                  |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

**SPECIFICATIONS**

**General**

Right Angle Prism **Type:**

**Physical & Mechanical Properties**

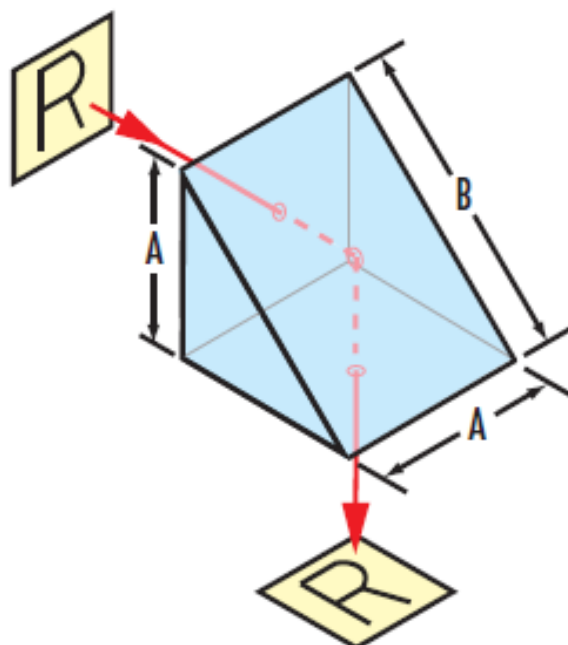
|                              |  |
|------------------------------|--|
| ±0.1                         | <b>Dimensional Tolerance (mm):</b>         |
| Protective as needed         | <b>Bevel:</b>                              |
| 56.60                        | <b>Length of Hypotenuse (mm):</b>          |
| 40.00                        | <b>Length of Legs (mm):</b>                |
| <b>Optical Properties</b>    |  |
| Uncoated                     | <b>Coating:</b>                            |
| <a href="#">N-BK7</a>        | <b>Substrate:</b> <input type="checkbox"/> |
| 60-40                        | <b>Surface Quality:</b>                    |
| ±2                           | <b>Angle Tolerance (arcmin):</b>           |
| Left-Handed                  | <b>Image Orientation:</b>                  |
| 90                           | <b>Ray Deviation (°):</b>                  |
| 350 - 2200                   | <b>Wavelength Range (nm):</b>              |
| 1.25                         | <b>Power (fringes) @ 632.8nm:</b>          |
| 0.50                         | <b>Irregularity (fringes) @ 632.8nm:</b>   |
| <b>Regulatory Compliance</b> |  |
| <a href="#">Compliant</a>    | <b>RoHS 2015:</b>                          |
| <a href="#">Compliant</a>    | <b>Reach 219:</b>                          |
| <a href="#">View</a>         | <b>Certificate of Conformance:</b>         |

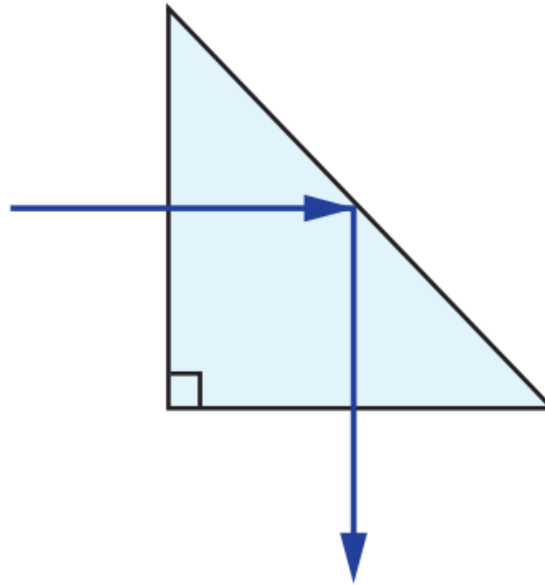
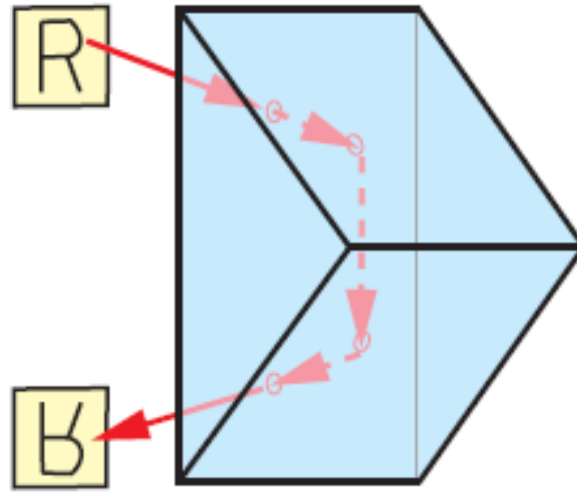
## PRODUCT DETAILS

- Ray Deviation of 90°
- Left Handed Image
- Available with Aluminized and AR Coated Faces
- Additional [Right Angle Prism](#) Options Available

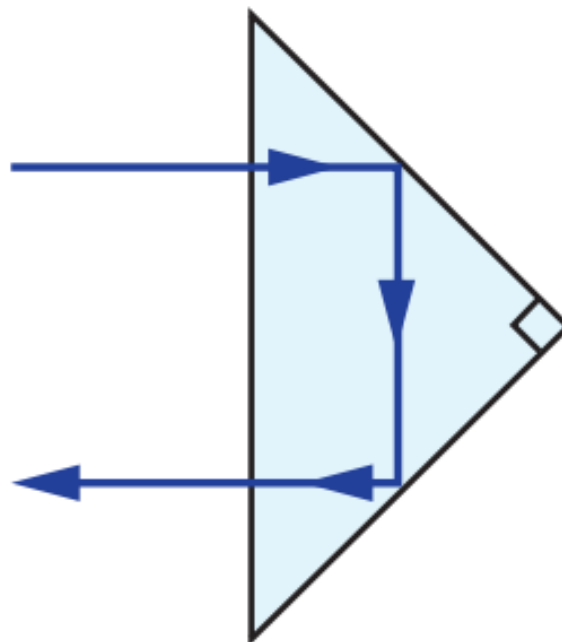
TECHSPEC® N-BK7 Right Angle Prisms are made from precision N-BK7 for use in a variety of visible light applications. Right angle prisms are generally used to bend image paths or redirect light at 90°. This produces a left-handed image, and depending on the orientation of the prism, the image may be inverted or reverted. TECHSPEC® N-BK7 Right Angle Prisms can also be used in combination for image/beam displacement. These right-angle prisms are additionally offered with aluminized and AR Coated surfaces.

## TECHNICAL INFORMATION

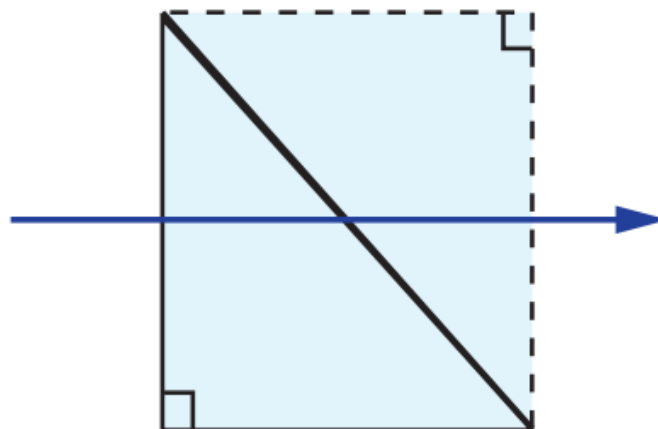




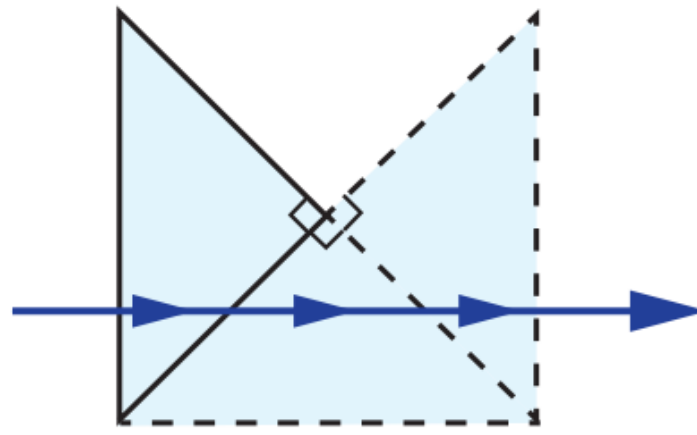
*Right Angle Prism Ray Path*



*Right Angle Prism Ray Path*



*Right Angle Prism Tunnel Diagram*



*Right Angle Prism Tunnel Diagram*

## 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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