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**TECHSPEC® 30mm, Uncoated, High Tolerance N-BK7 Right Angle Prism**



N-BK7 High Tolerance Right Angle Prisms

Stock #32-551 **20+ In Stock**

⊖ 1 ⊕ ₹12,060

**ADD TO CART**

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | ₹12,060 each                  |
| Qty 6-25       | ₹9,630 each                   |
| Qty 26-49      | ₹9,090 each                   |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

**General**

Right Angle Prism **Type:**

**Physical & Mechanical Properties**

+0/-0.1 **Dimensional Tolerance (mm):**

Protective as needed **Bevel:**

Length of Hypotenuse (mm):

42.40

Length of Legs (mm):

30.00

## Optical Properties

Angle Tolerance (arcsec):

±15

Coating:

Uncoated

Substrate:

N-BK7

Surface Quality:

40-20

Image Orientation:

Left-Handed

Ray Deviation (°):

90

Wavelength Range (nm):

350 - 2200

Power (fringes) @ 632.8nm:

1.25

Irregularity (fringes) @ 632.8nm:

0.25

## Regulatory Compliance

RoHS 2015:

Compliant

Reach 219:

Compliant

Certificate of Conformance:

[View](#)

Country of Origin:

Singapore

Imported By:

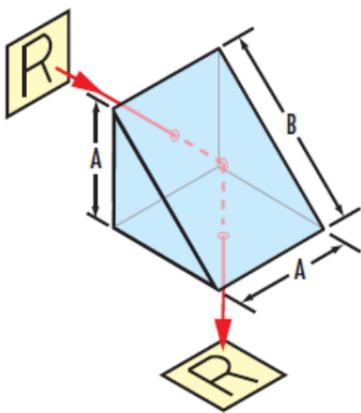
Edmund Optics India Private Limited

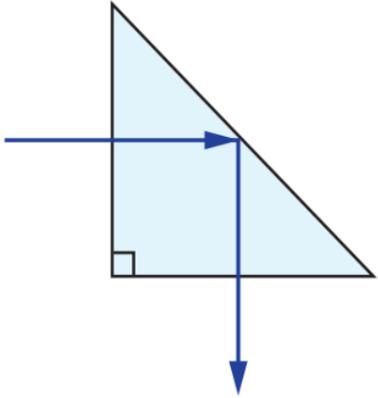
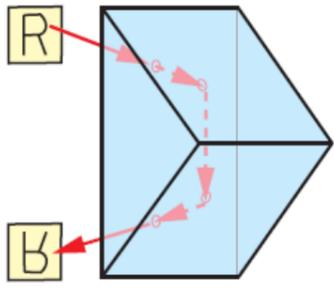
## Product Details

- Ray Deviation of 90°
- Left Handed Image
- Low Arcsecond Angle Tolerance
- Additional [Right Angle Prism](#) Options Available

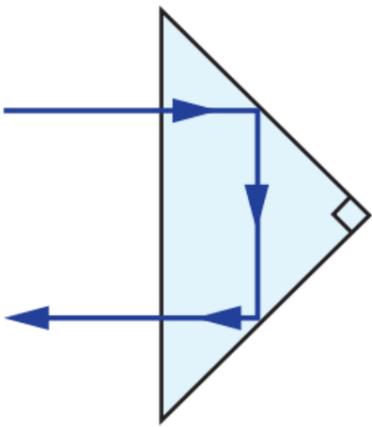
TECHSPEC® High Tolerance N-BK7 Right Angle Prisms are generally used to bend image paths or redirect light at 90°. This process produces a left-handed image, depending on the prism's orientation, the image may be inverted or reverted. Right angle prisms can also be combined for image/beam displacement. TECHSPEC® High Tolerance N-BK7 Right Angle Prisms feature low arcsecond angle tolerance and are made from precision N-BK7 for use in a variety of visible light applications. These prisms are available uncoated, with a protective aluminum overcoat, or MS<sup>®</sup> & aluminized.

## Technical Information

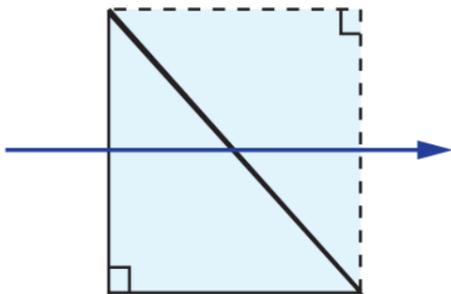




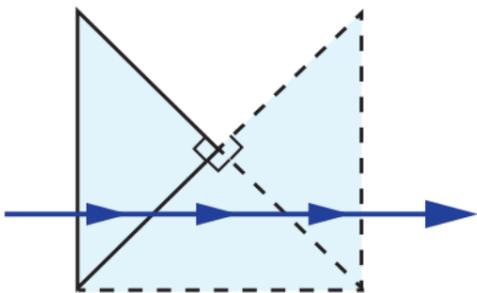
Right Angle Prism Ray Path



Right Angle Prism Ray Path



Right Angle Prism Tunnel Diagram



Right Angle Prism Tunnel Diagram