

**TECHSPEC® 5mm, Uncoated, N-BK7 High Tolerance RA Prism**



N-BK7 High Tolerance Right Angle Prisms

Stock #32-539 **20+ In Stock**

⊖ 1 ⊕ £72.40

**ADD TO CART**

Volume Pricing	
Qty 1-5	£72.40 each
Qty 6-25	£58.00 each
Qty 26-49	£54.40 each
Need More?	<a href="#">Request Quote</a>

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

**SPECIFICATIONS**

**General**

Right Angle Prism **Type:**

## Physical & Mechanical Properties

Dimensional Tolerance (mm):

+0/-0.1

Bevel:

Protective as needed

Length of Hypotenuse (mm):

7.10

Length of Legs (mm):

5.00

## 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:

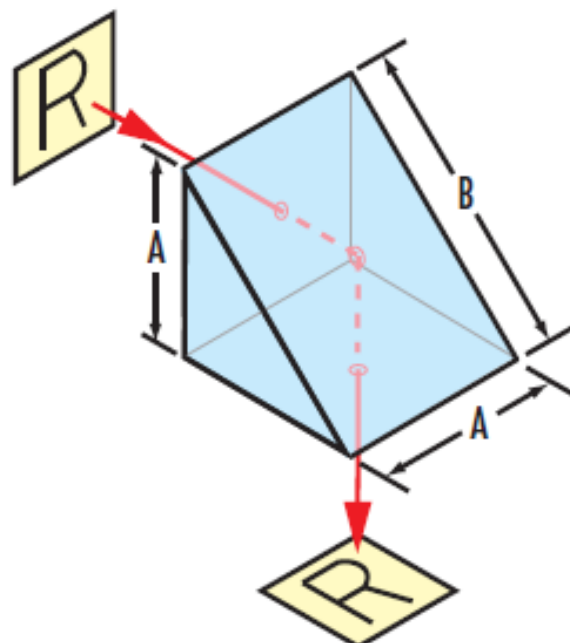
[View](#)

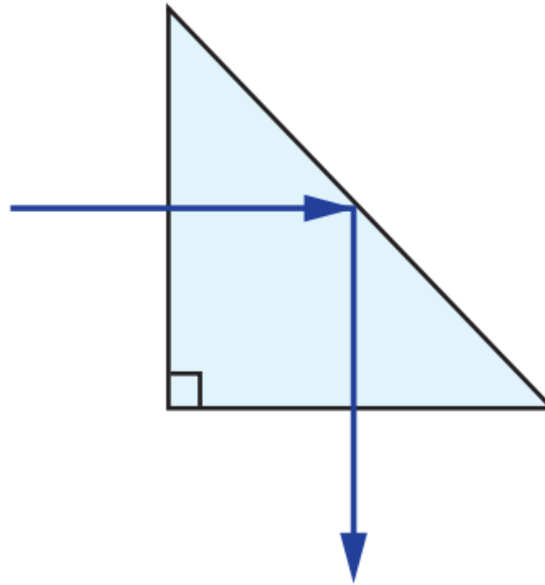
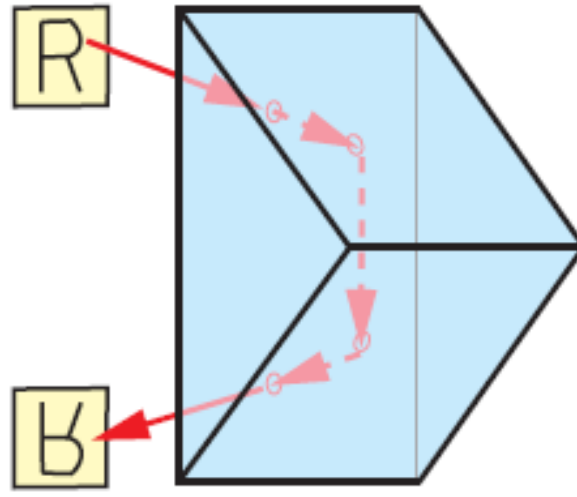
## PRODUCT DETAILS

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

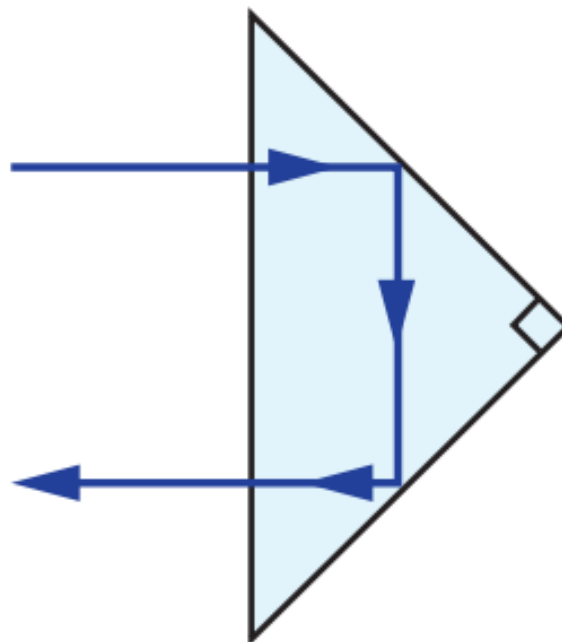
TECHSPEC® N-BK7 High Tolerance Right Angle Prisms are generally used to bend image paths or redirect light at 90°. This process produces a left-handed image, depending on the prism's orientation, the image may be inverted or reverted. Right angle prisms can also be combined for image/beam displacement. TECHSPEC® N-BK7 High Tolerance 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 VIS° & aluminized.

## TECHNICAL INFORMATION

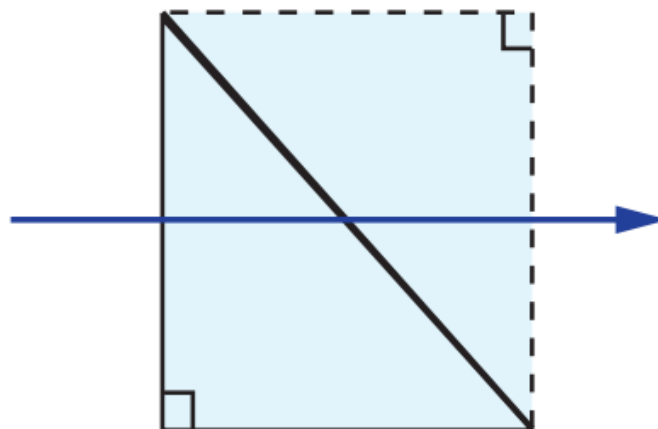




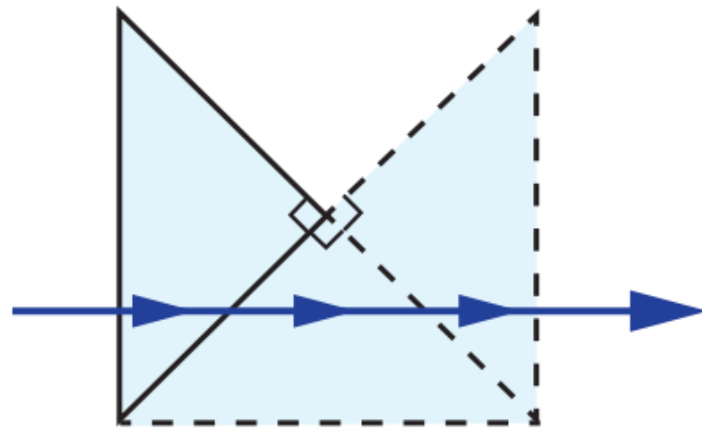
*Right Angle Prism Ray Path*



*Right Angle Prism Ray Path*



*Right Angle Prism Tunnel Diagram*



*Right Angle Prism Tunnel Diagram*

---