

TECHSPEC® 20mm, Uncoated, High Tolerance N-BK7 Right Angle Prism



N-BK7 High Tolerance Right Angle Prisms

Stock #32-547 **13 In Stock**

⊖ 1 ⊕ £88⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	£88.80 each
Qty 6-25	£70.80 each
Qty 26-49	£66.80 each
Need More?	Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Right Angle Prism **Type:**

Physical & Mechanical Properties

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

Bevel:

Protective as needed

Length of Hypotenuse (mm):

28.30

Length of Legs (mm):

20.00

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:

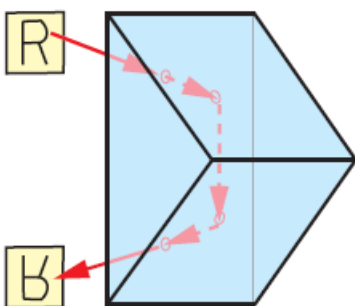
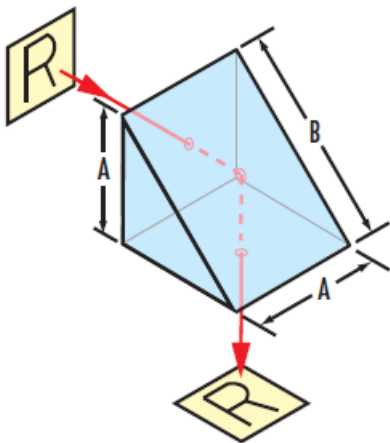
[View](#)

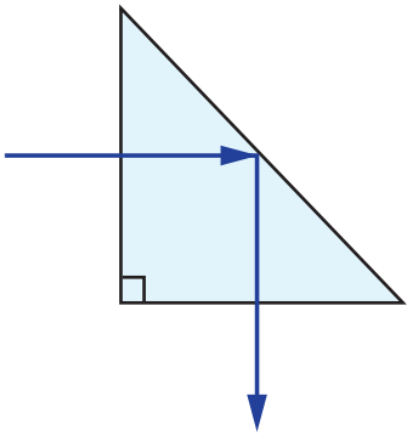
Product Details

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

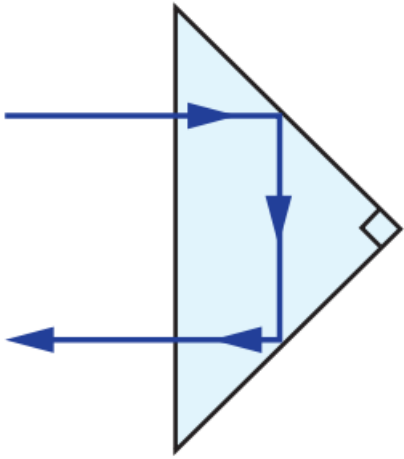
TECHSPEC® High Tolerance N-BK7 Right Angle Prisms are generally used to bend image paths or redirect light at 90°. This process produces a left-handed image, depending on the prism's orientation, the image may be inverted or reverted. Right angle prisms can also be combined for image/beam displacement.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

Technical Information

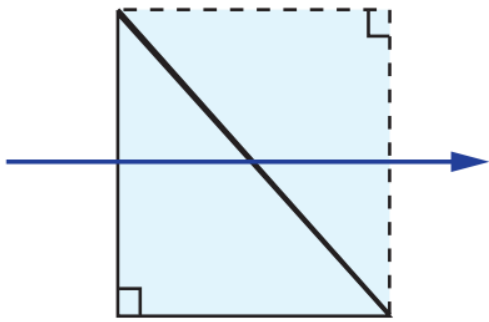




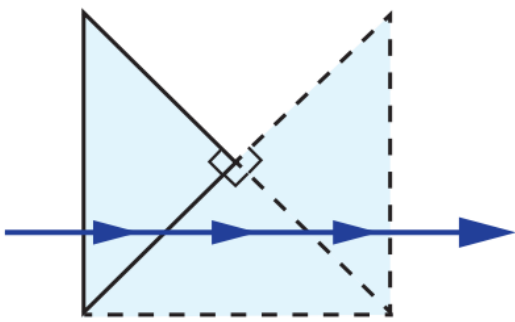
Right Angle Prism Ray Path



Right Angle Prism Ray Path



Right Angle Prism Tunnel Diagram



Right Angle Prism Tunnel Diagram