

TECHSPEC[®] 50mm, Uncoated, N-BK7 High Tolerance RA Prism



N-BK7 High Tolerance Right Angle Prisms

Stock **#49-007** 20+ In Stock

-

1

+

S\$343⁵¹

ADD TO CART

Volume Pricing	
Qty 1-5	S\$343.51 each
Qty 6-25	S\$274.80 each
Qty 26-49	S\$256.88 each
Need More?	Request Quote

Product Downloads

SPECIFICATIONS

General

Right Angle Prism

Type:

Physical & Mechanical Properties

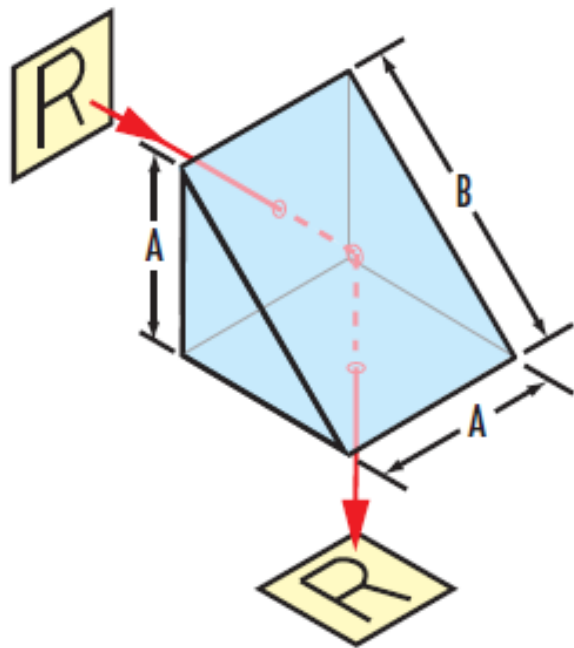
Dimensional Tolerance (mm):	
+0/-0.1	
Bevel:	
Protective as needed	
Length of Hypotenuse (mm):	
70.70	
Length of Legs (mm):	
50.00	
Optical Properties	
Angle Tolerance (arcsec):	
±15	
Coating:	
Uncoated	
Substrate: ☐	
N-BK7	
Surface Quality:	
40-20	
Image Orientation:	
Left-Handed	
Ray Deviation (°):	
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	

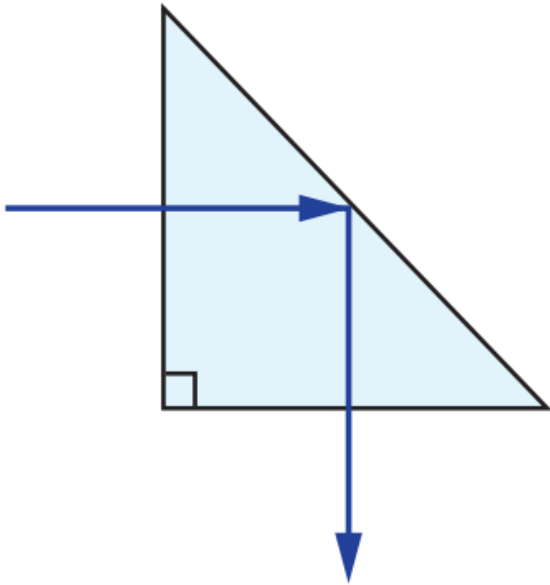
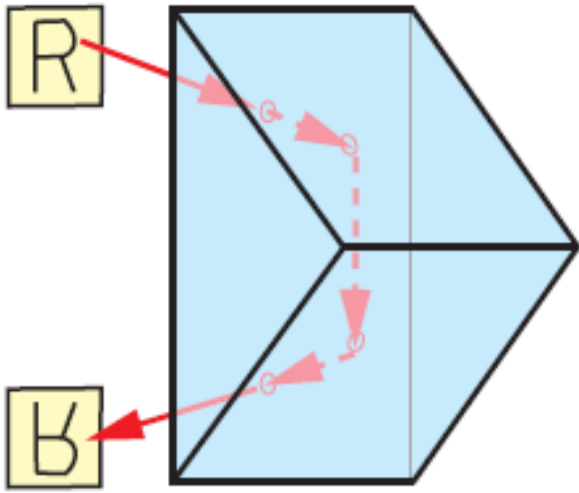
PRODUCT DETAILS

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

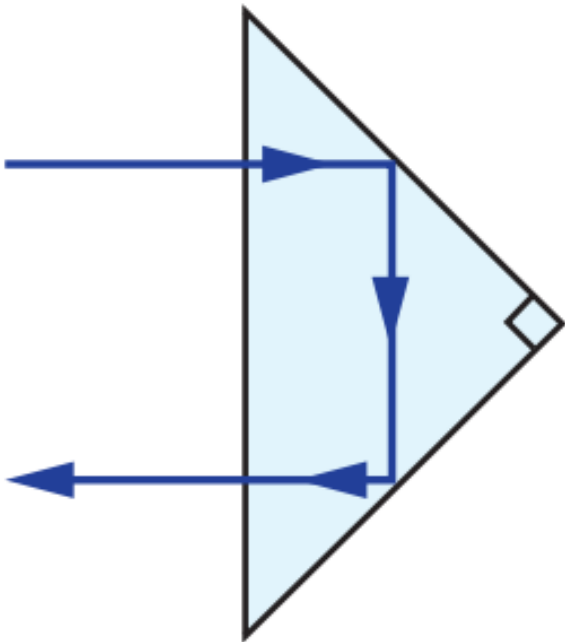
TECHSPEC® N-BK7 High Tolerance Right Angle Prisms are generally used to bend image paths or redirect light at 90°. This process produces a left-handed image, depending on the prism's orientation, the image may be inverted or reverted. Right angle prisms can also be combined for image/beam displacement.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

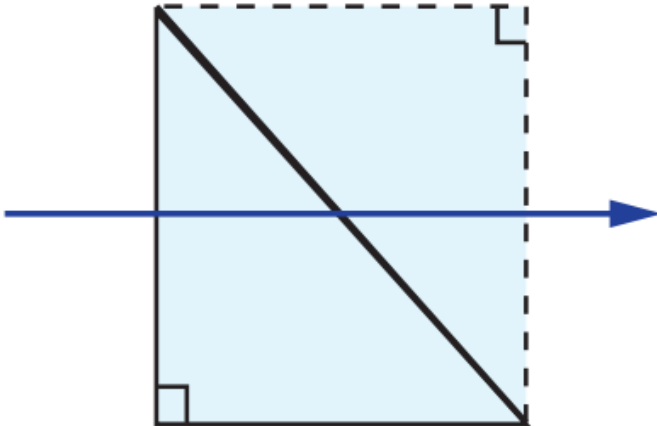




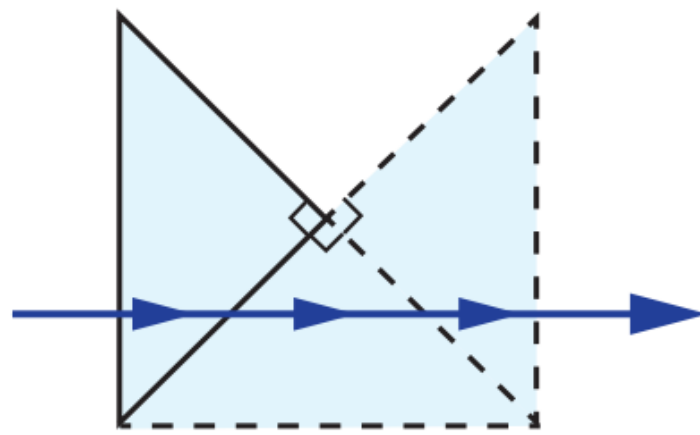
Right Angle Prism Ray Path



Right Angle Prism Ray Path



Right Angle Prism Tunnel Diagram



Right Angle Prism Tunnel Diagram
