

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



N-BK7 High Tolerance Right Angle Prisms

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

-

1

+

A\$401⁶⁰

ADD TO CART

Volume Pricing	
Qty 1-5	A\$401.60 each
Qty 6-25	A\$321.60 each
Qty 26-49	A\$300.80 each
Need More?	Request Quote

Product Downloads

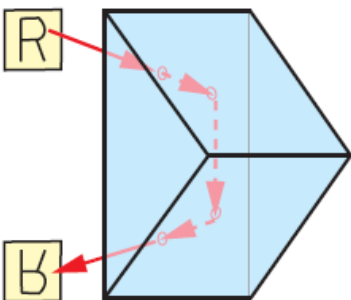
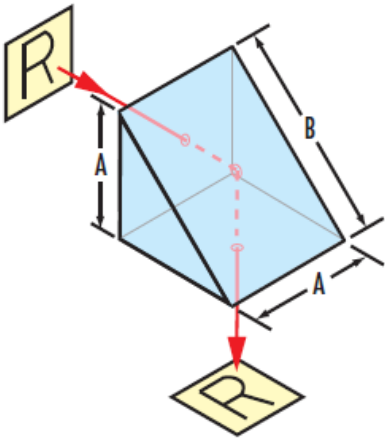
General	
Right Angle Prism	Type:
Physical & Mechanical Properties	
+0/-0.1	Dimensional Tolerance (mm):
Protective as needed	Bevel:

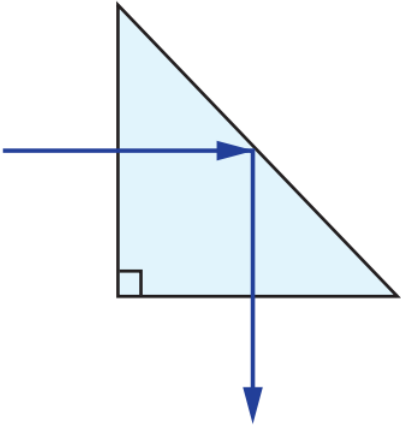
70.70	Length of Hypotenuse (mm):
50.00	Length of Legs (mm):
Optical Properties	
±15	Angle Tolerance (arcsec):
Uncoated	Coating:
N-BK7	Substrate: ☐
40-20	Surface Quality:
Left-Handed	Image Orientation:
90	Ray Deviation (°):
350 - 2200	Wavelength Range (nm):
1.25	Power (fringes) @ 632.8nm:
0.25	Irregularity (fringes) @ 632.8nm:
Regulatory Compliance	
Compliant	RoHS 2015:
Compliant	Reach 219:
View	Certificate of Conformance:

Product Details

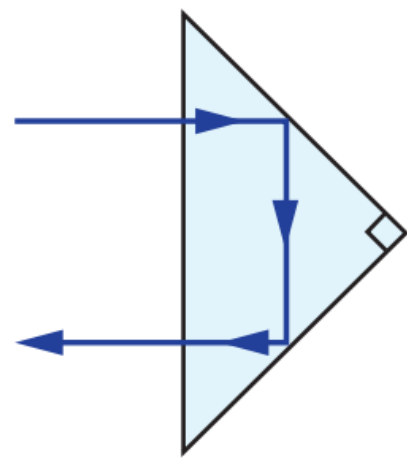
- Ray Deviation of 90°
 - Left Handed Image
 - Low Arcsecond Angle Tolerance
 - Additional [Right Angle Prism](#) Options Available
- TECHSPEC® High Tolerance N-BK7 Right Angle Prisms are generally used to bend image paths or redirect light at 90°. This process produces a left-handed image, depending 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

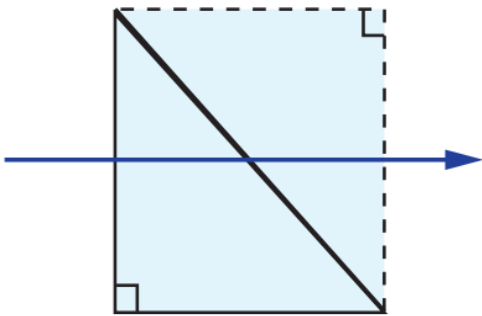




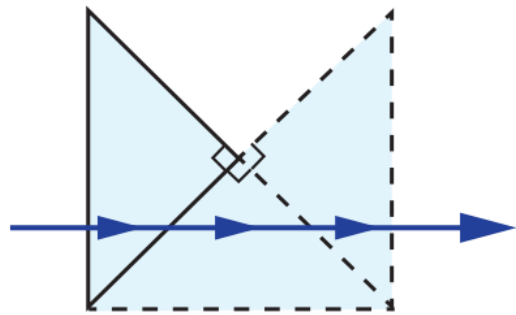
Right Angle Prism Ray Path



Right Angle Prism Ray Path



Right Angle Prism Tunnel Diagram



Right Angle Prism Tunnel Diagram