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TECHSPEC® 3.2mm, Uncoated, High Tolerance N-BK7 Right Angle Prism

N-BK7 High Tolerance Right Angle Prisms

Stock **#32-537** **20+ In Stock**

- 1 + **A$177**.60

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Volume Pricing	
Qty 1-5	**A$177.60** each
Qty 6-25	**A$141.60** each
Qty 26-49	**A$133.60** each
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General

Type:

Right Angle Prism

Physical & Mechanical Properties

Dimensional Tolerance (mm):

+0/-0.1

Bevel:

Protective as needed

Length of Hypotenuse (mm):	4.50
Length of Legs (mm):	3.20

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

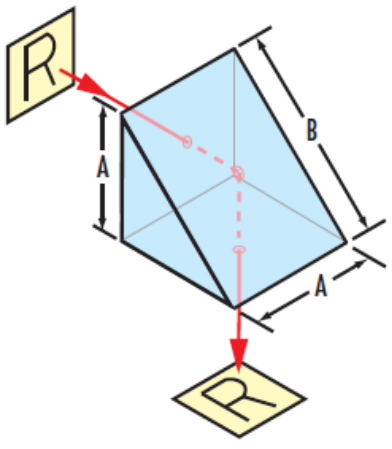
RoHS 2015:	Compliant
Reach 219:	Compliant
Certificate of Conformance:	View

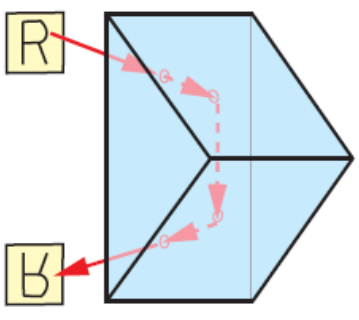
Product Details

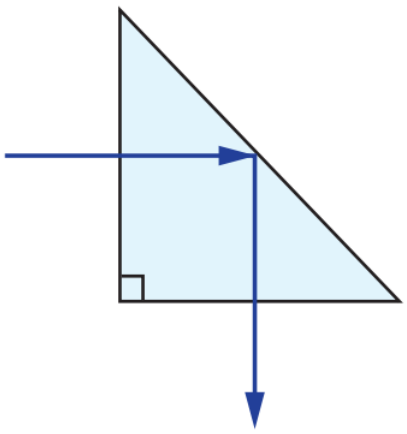
- Ray Deviation of 90°
- Left Handed Image
- Low Arcsecond Angle Tolerance
- Additional **Right Angle Prism** Options Available

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.

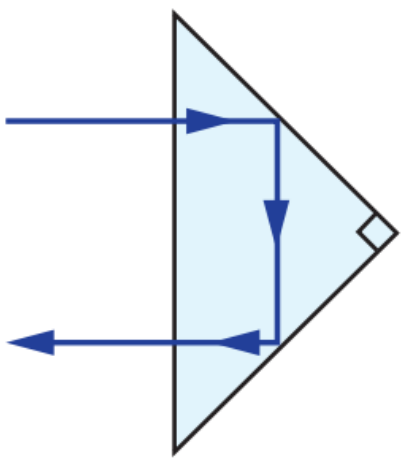
Technical Information







Right Angle Prism Ray Path



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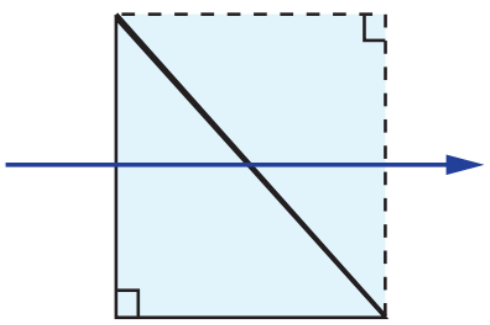
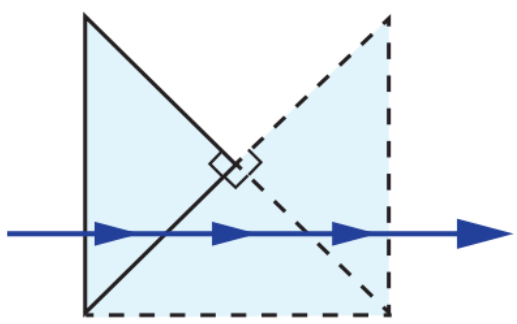


Right Angle Prism Tunnel Diagram



Right Angle Prism Tunnel Diagram

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