

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



N-BK7 High Tolerance Right Angle Prisms

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

-

1

+

£72^{.67}

ADD TO CART

Volume Pricing	
Qty 1-5	£72.67 each
Qty 6-25	£58.22 each
Qty 26-49	£54.72 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Right Angle Prism

Type:

Physical & Mechanical Properties	
+0/-0.1	Dimensional Tolerance (mm):
	Bevel:
Protective as needed	
7.10	Length of Hypotenuse (mm):
	Length of Legs (mm):
5.00	
Optical Properties	
±15	Angle Tolerance (arcsec):
	Coating:
Uncoated	
N-BK7	Substrate: ☐
	Surface Quality:
40-20	
Left-Handed	Image Orientation:
	Ray Deviation (°):
90	
350 - 2200	Wavelength Range (nm):
	Power (fringes) @ 632.8nm:
1.25	
0.25	Irregularity (fringes) @ 632.8nm:
Regulatory Compliance	
Compliant	RoHS 2015:
	Reach 219:
Compliant	
View	Certificate of Conformance:

PRODUCT DETAILS

• Ray Deviation of 90°

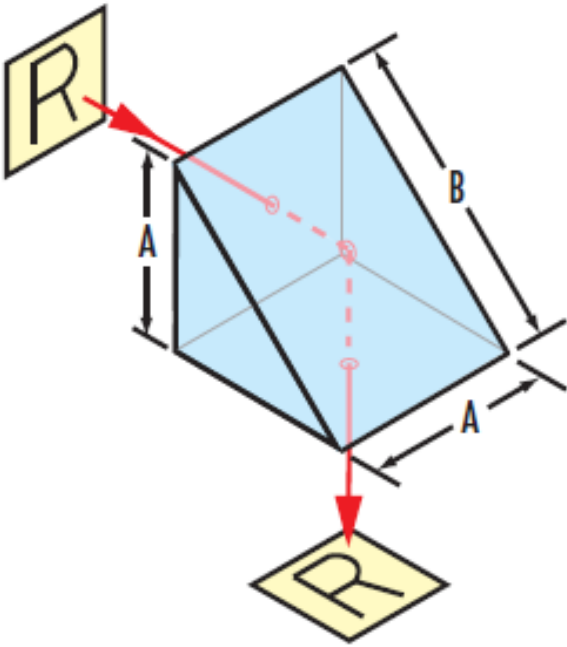
• Left Handed Image

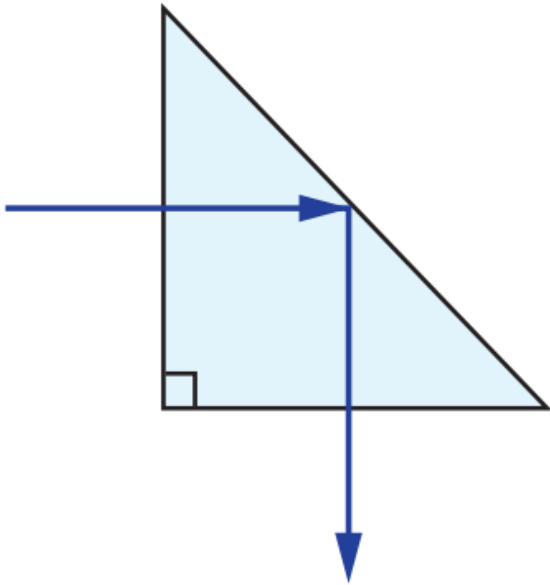
• Low Arcsecond Angle Tolerance

• Additional [Right Angle Prism](#) Options Available

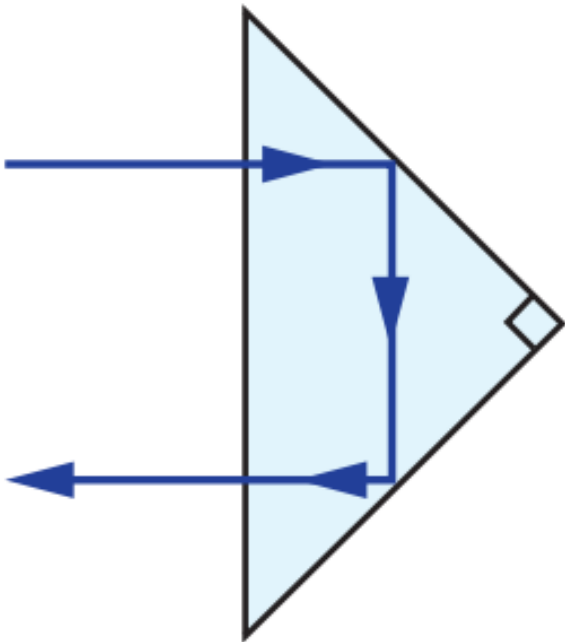
TECHSPEC® N-BK7 High Tolerance Right Angle Prisms are generally used to bend image paths or redirect light at 90°. This process produces a left-handed image, depending on the prism's orientation, the image may be inverted or reverted. Right angle prisms can also be combined for image/beam displacement.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

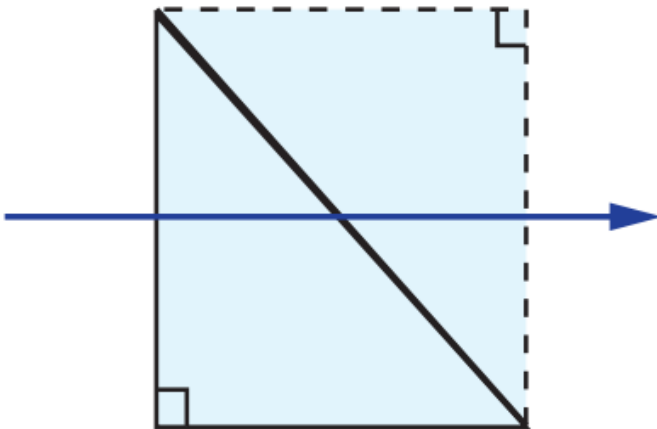




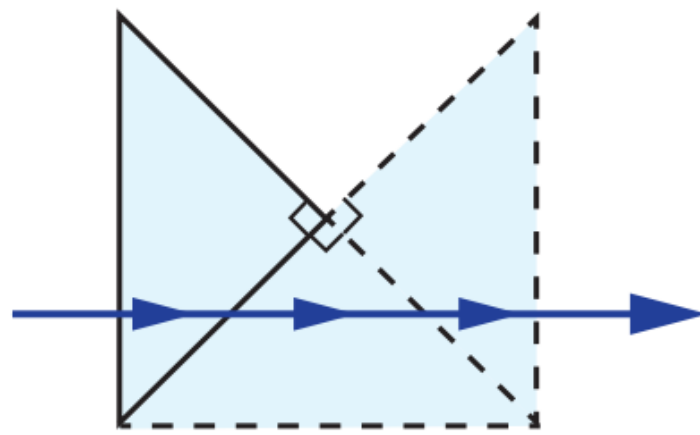
Right Angle Prism Ray Path



Right Angle Prism Ray Path



Right Angle Prism Tunnel Diagram



Right Angle Prism Tunnel Diagram
