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TECHSPEC® 10mm, Uncoated, High Tolerance N-BK7 Right Angle Prism

N-BK7 High Tolerance Right Angle Prisms

Stock **#32-543** **20+ In Stock**

- 1 +

MRP ₹9,433

Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1-5	**₹9,433** each
Qty 6-25	**₹7,517** each
Qty 26-49	**₹7,062** each
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Product Downloads

General

Type:

Right Angle Prism

Physical & Mechanical Properties

Dimensional Tolerance (mm):

+0/-0.1

Bevel:

Protective as needed

Length of Hypotenuse (mm):
14.10

Length of Legs (mm):
10.00

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

Country of Origin:
Singapore

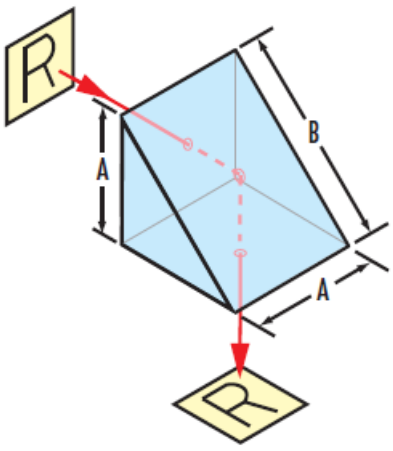
Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

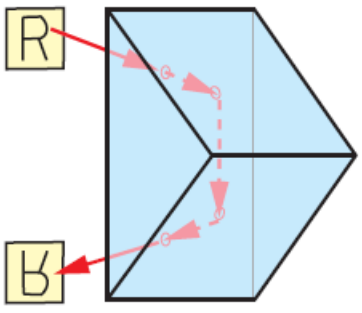
Product Details

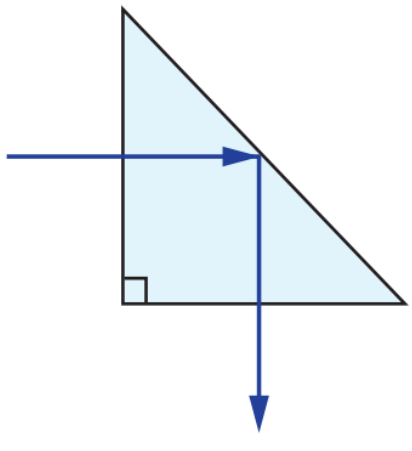
- Ray Deviation of 90°
- Left Handed Image
- Low Arcsecond Angle Tolerance
- Additional **Right Angle Prism** Options Available

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.

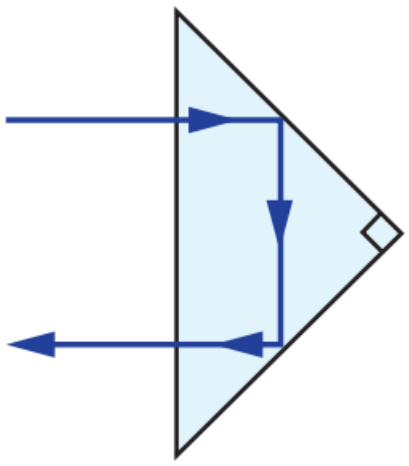
Technical Information



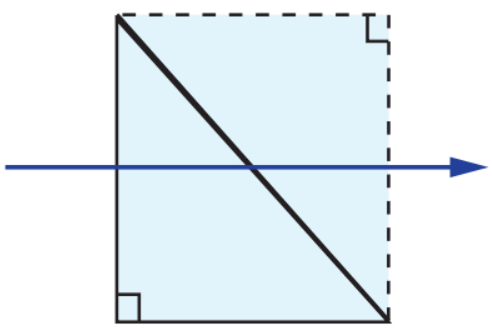




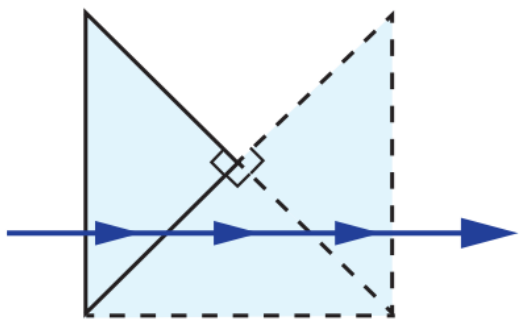
Right Angle Prism Ray Path



Right Angle Prism Ray Path



Right Angle Prism Tunnel Diagram



Right Angle Prism Tunnel Diagram

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