

TECHSPEC<sup>®</sup> 12.5mm, Uncoated, N-BK7 High Tolerance RA Prism



N-BK7 High Tolerance Right Angle Prisms

Stock **#47-933** 11 In Stock

-

1

+

C\$135<sup>10</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | C\$135.10 each                |
| Qty 6-25       | C\$107.80 each                |
| Qty 26-49      | C\$101.50 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

SPECIFICATIONS

General

Right Angle Prism

Type:

Physical & Mechanical Properties

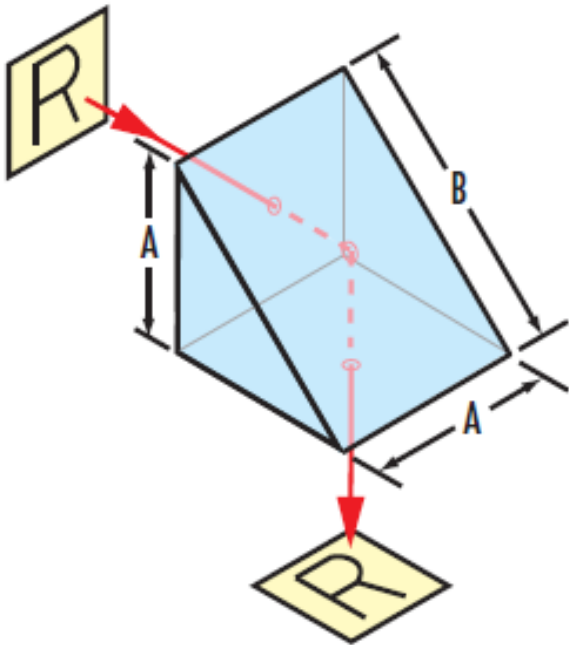
|                                     |  |
|-------------------------------------|--|
| Dimensional Tolerance (mm):         |  |
| +0/-0.1                             |  |
| Bevel:                              |  |
| Protective as needed                |  |
| Length of Hypotenuse (mm):          |  |
| 17.70                               |  |
| Length of Legs (mm):                |  |
| 12.50                               |  |
| Optical Properties                  |  |
| Angle Tolerance (arcsec):           |  |
| ±15                                 |  |
| Coating:                            |  |
| Uncoated                            |  |
| Substrate: <input type="checkbox"/> |  |
| 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                                |  |

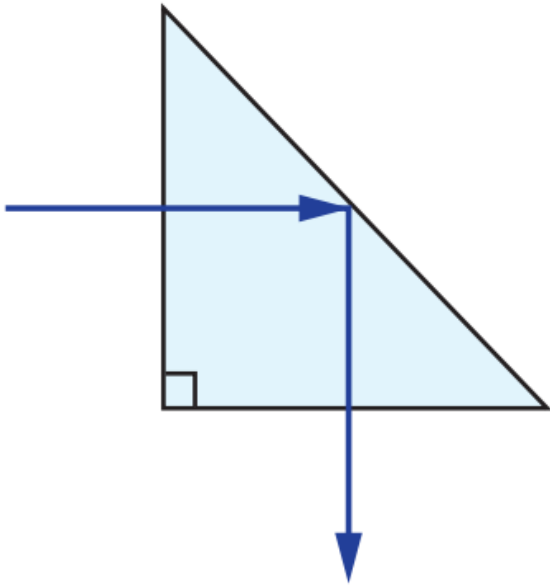
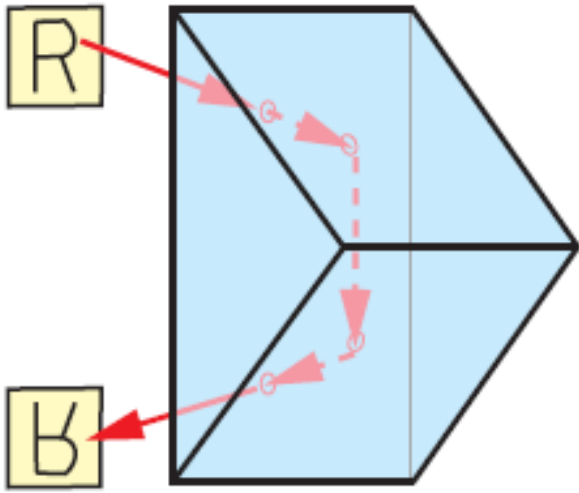
## PRODUCT DETAILS

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

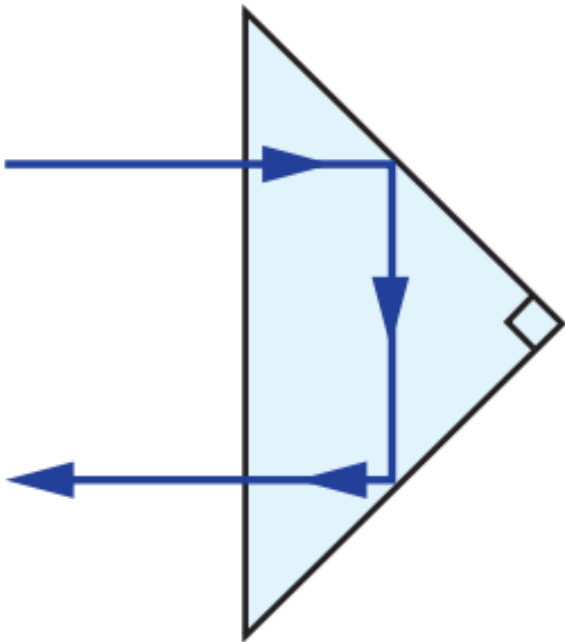
TECHSPEC® N-BK7 High Tolerance Right Angle Prisms are generally used to bend image paths or redirect light at 90°. This process produces a left-handed image, depending on the prism's orientation, the image may be inverted or reverted. Right angle prisms can also be combined for image/beam displacement.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

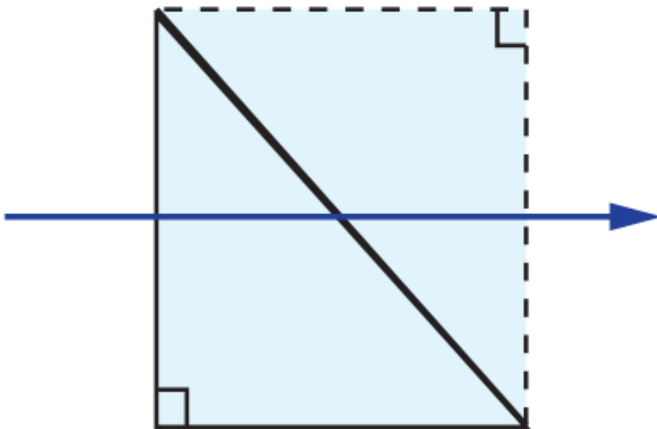




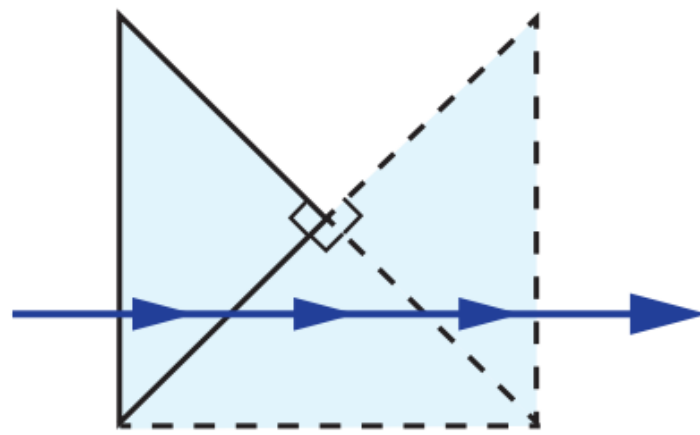
*Right Angle Prism Ray Path*



*Right Angle Prism Ray Path*



*Right Angle Prism Tunnel Diagram*



*Right Angle Prism Tunnel Diagram*

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