

TECHSPEC<sup>®</sup> 15mm, Aluminum, High Tolerance N-BK7 Right Angle Prism



N-BK7 High Tolerance Right Angle Prisms

Stock **#32-546** 5 In Stock

-

1

+

A\$182<sup>40</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | A\$182.40 each                |
| Qty 6-25       | A\$145.60 each                |
| Qty 26-49      | A\$136.80 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

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

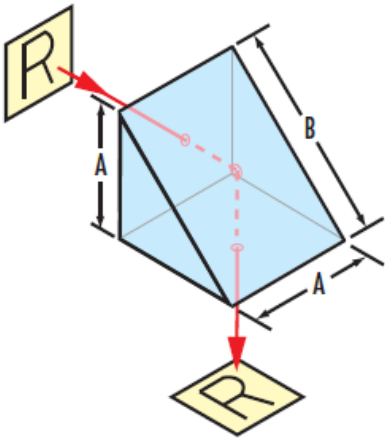
|                                                                     |                                                       |
|---------------------------------------------------------------------|-------------------------------------------------------|
| 21.20                                                               | Length of Hypotenuse (mm):                            |
| 15.00                                                               | Length of Legs (mm):                                  |
| Optical Properties                                                  |                                                       |
| ±15                                                                 | Angle Tolerance (arcsec):                             |
| Aluminum with protective overcoat                                   | Coating:                                              |
| N-BK7                                                               | Substrate: <input type="checkbox"/>                   |
| 40-20                                                               | Surface Quality:                                      |
| Left-Handed                                                         | Image Orientation:                                    |
| Reflective Surfaces: R <sub>avg</sub> >85% FROM400-700nm, @ 45° AOI | Coating Specification:                                |
| 90                                                                  | Ray Deviation (°):                                    |
| 400 - 2000                                                          | Wavelength Range (nm):                                |
| Hypotenuse: 0.3 J/cm <sup>2</sup> @ 532nm & 1064nm, 10ns            | Damage Threshold, By Design: <input type="checkbox"/> |
| 1.25                                                                | Power (fringes) @ 632.8nm:                            |
| 0.25                                                                | Irregularity (fringes) @ 632.8nm:                     |
| Regulatory Compliance                                               |                                                       |
| Compliant                                                           | RoHS 2015:                                            |
| View                                                                | Certificate of Conformance:                           |
| Compliant                                                           | Reach 235:                                            |

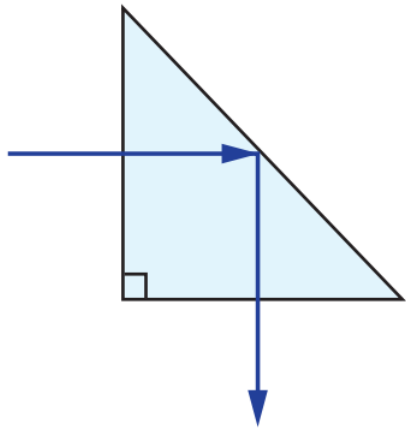
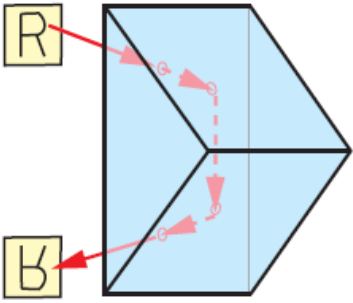
## Product Details

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

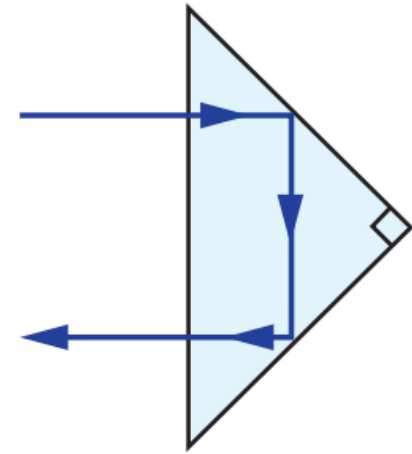
TECHSPEC® High Tolerance N-BK7 Right Angle Prisms are generally used to bend image paths or redirect light at 90°. This process produces a left-handed image, depending on the prism's orientation, the image may be inverted or reverted. Right angle prisms can also be combined for image/beam displacement.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

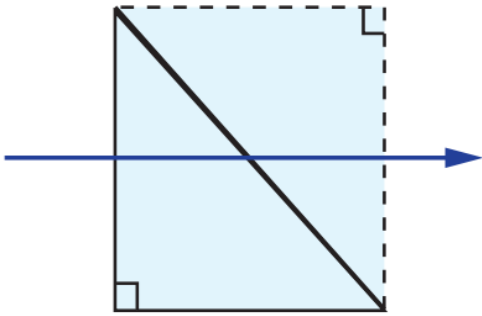




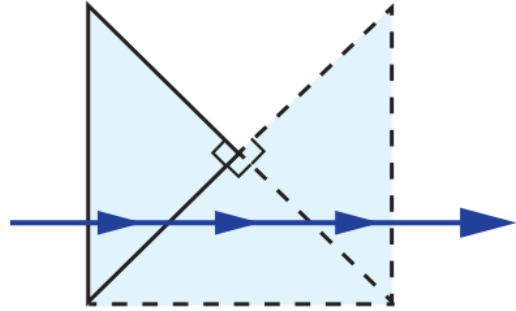
Right Angle Prism Ray Path



Right Angle Prism Ray Path



Right Angle Prism Tunnel Diagram



Right Angle Prism Tunnel Diagram