

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



N-BK7 High Tolerance Right Angle Prisms

Stock **#47-933** 10 In Stock

-

1

+

€96<sup>.50</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | €96,50 each                   |
| Qty 6-25       | €77,00 each                   |
| Qty 26-49      | €72,50 each                   |
| Need More?     | <a href="#">Request Quote</a> |

**i** Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Right Angle Prism

Type:

Physical & Mechanical Properties

+0/-0.1

Dimensional Tolerance (mm):

Bevel:

|                       |                                     |
|-----------------------|-------------------------------------|
| Protective as needed  |                                     |
| 17.70                 | Length of Hypotenuse (mm):          |
| 12.50                 | Length of Legs (mm):                |
| Optical Properties    |                                     |
| ±15                   | Angle Tolerance (arcsec):           |
| Uncoated              | Coating:                            |
| N-BK7                 | Substrate: <input type="checkbox"/> |
| 40-20                 | Surface Quality:                    |
| Left-Handed           | Image Orientation:                  |
| 90                    | Ray Deviation (°):                  |
| 350 - 2200            | Wavelength Range (nm):              |
| 1.25                  | Power (fringes) @ 632.8nm:          |
| 0.25                  | Irregularity (fringes) @ 632.8nm:   |
| Regulatory Compliance |                                     |
| Compliant             | RoHS 2015:                          |
| Compliant             | Reach 219:                          |
| View                  | Certificate of Conformance:         |

Product Details

• Ray Deviation of 90°

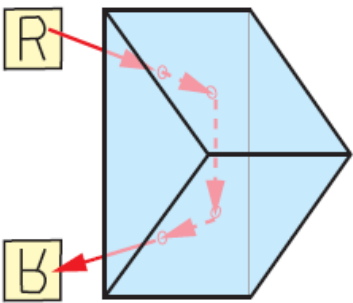
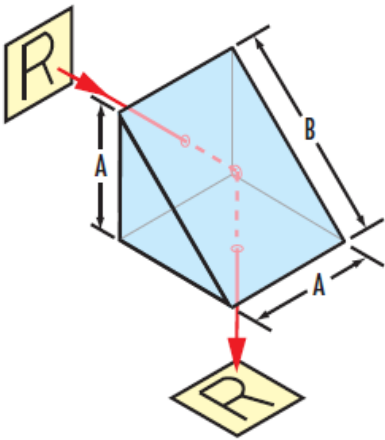
• Left Handed Image

• Low Arcsecond Angle Tolerance

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

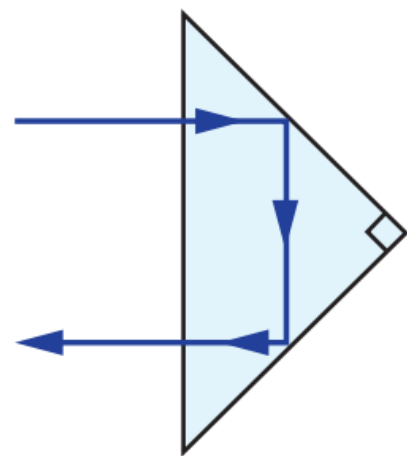
TECHSPEC® N-BK7 High Tolerance Right Angle Prisms are generally used to bend image paths or redirect light at 90°. This process produces a left-handed image, depending on the prism's orientation, the image may be inverted or reverted. Right angle prisms can also be combined for image/beam displacement.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