

TECHSPEC<sup>®</sup> 6.25mm, Uncoated, N-BK7 Right Angle Prism



N-BK7 Right Angle Prisms

Stock **#45-106** 20+ In Stock

-

1

+

₹4,500

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | ₹4,500 each                   |
| Qty 6-25       | ₹3,600 each                   |
| Qty 26-49      | ₹3,375 each                   |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

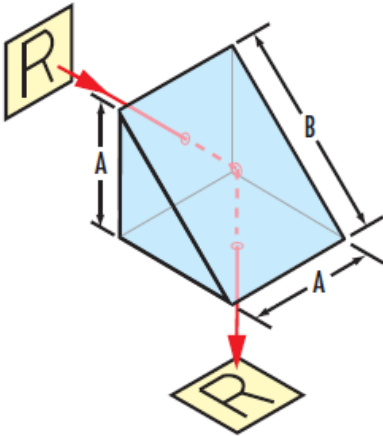
| General                          |                             |
|----------------------------------|-----------------------------|
| Right Angle Prism                | Type:                       |
| Physical & Mechanical Properties |                             |
| ±0.1                          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

|                                     |                                     |
|-------------------------------------|-------------------------------------|
| 8.80                                | Length of Hypotenuse (mm):          |
| 6.25                                | Length of Legs (mm):                |
| Optical Properties                  |                                     |
| Uncoated                            | Coating:                            |
| N-BK7                               | Substrate: <input type="checkbox"/> |
| 60-40                               | Surface Quality:                    |
| ±2                                  | Angle Tolerance (arcmin):           |
| Left-Handed                         | Image Orientation:                  |
| 90                                  | Ray Deviation (°):                  |
| 350 - 2200                          | Wavelength Range (nm):              |
| 1.25                                | Power (fringes) @ 632.8nm:          |
| 0.50                                | Irregularity (fringes) @ 632.8nm:   |
| Regulatory Compliance               |                                     |
| Compliant                           | RoHS 2015:                          |
| Compliant                           | Reach 219:                          |
| View                                | Certificate of Conformance:         |
| China                               | Country of Origin:                  |
| Edmund Optics India Private Limited | Imported By:                        |

## Product Details

- Ray Deviation of 90°
  - Left Handed Image
  - Available with Aluminized and AR Coated Faces
  - Additional [Right Angle Prism](#) Options Available
- TECHSPEC® N-BK7 Right Angle Prisms are made from precision N-BK7 for use in a variety of visible light applications. Right angle prisms are generally used to bend image paths or redirect light at 90°. This produces a left-handed image, and depending on the orientation of the prism, the image may be inverted or reverted. TECHSPEC® N-BK7 Right Angle Prisms can also be used in combination for image/beam displacement. These right-angle prisms are additionally offered with aluminized and AR Coated surfaces.

## Technical Information





Right Angle Prism Ray Path



Right Angle Prism Ray Path



Right Angle Prism Tunnel Diagram



Right Angle Prism Tunnel Diagram

## Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).