

TECHSPEC<sup>®</sup> 35mm Silver Coated, N-BK7 Right Angle Prism



N-BK7 Right Angle Prisms

Stock **#26-752** 20+ In Stock

-

1

+

£140<sup>00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | £140.00 each                  |
| Qty 6-25       | £112.00 each                  |
| Qty 26-49      | £104.80 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

±0.1

Dimensional Tolerance (mm):

Bevel:

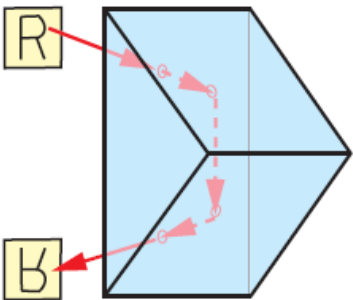
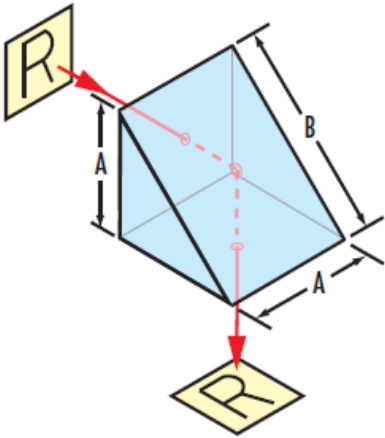
|                                                                                                                                       |                                     |
|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| Protective as needed                                                                                                                  |                                     |
| 49.50                                                                                                                                 | Length of Hypotenuse (mm):          |
| 35.00                                                                                                                                 | Length of Legs (mm):                |
| Optical Properties                                                                                                                    |                                     |
| Silver Overcoated with Inconel & Black Paint                                                                                          | Coating:                            |
| N-BK7                                                                                                                                 | Substrate: <input type="checkbox"/> |
| 60-40                                                                                                                                 | Surface Quality:                    |
| ±2                                                                                                                                    | Angle Tolerance (arcmin):           |
| Left-Handed                                                                                                                           | Image Orientation:                  |
| R <sub>abs</sub> >87% @ 450 - 500nm @ 45°<br>R <sub>abs</sub> >94% @ 500 - 2000nm @ 45°<br>R <sub>avg</sub> >96% @ 400 - 2500nm @ 45° | Coating Specification:              |
| 90                                                                                                                                    | Ray Deviation (°):                  |
| 400 - 2500                                                                                                                            | Wavelength Range (nm):              |
| 1.25                                                                                                                                  | Power (fringes) @ 632.8nm:          |
| 0.50                                                                                                                                  | Irregularity (fringes) @ 632.8nm:   |
| Regulatory Compliance                                                                                                                 |                                     |
| View                                                                                                                                  | Certificate of Conformance:         |

## 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](#).