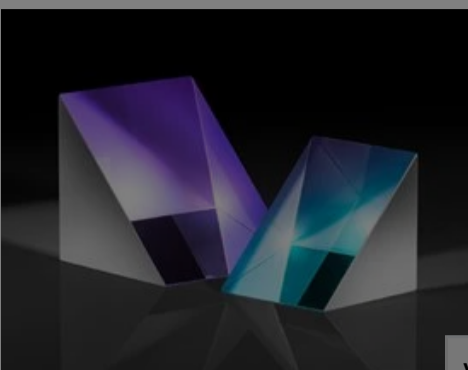


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**TECHSPEC® 3mm, U**



N-BK7 Right Angle Prisms

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Select Your Country/Region: European Union

Submit

1

€69<sup>,50</sup>

ADD TO CART

Volume Pricing	
Qty 1-5	€69,50 each
Qty 6-25	€55,50 each
Qty 26-49	€52,50 each
Need More?	<a href="#">Request Quote</a>

Prices shown are exclusive of VAT/local taxes

Product Downloads

- STEP:step
- PDF Drawing:pdf
- IGES:igs
- eDrawing:eprt
- EO Spec Sheet
- [Download All](#)

General

Type: Right Angle Prism

Physical & Mechanical Properties

Dimensional Tolerance (mm): ±0.1

Bevel: Protective as needed

Length of Hypotenuse (mm): 4.20

Length of Legs (mm): 3.00

Optical Properties

Coating: Uncoated

Substrate: **N-BK7**

Surface Quality: 20-10

Angle Tolerance (arcmin): ±2

Image Orientation: Left-Handed

Ray Deviation (°): 90

Wavelength Range (nm): 350 - 2200

Power (fringes) @ 632.8nm: 1.25

Irregularity (fringes) @ 632.8nm: 0.50

Regulatory Compliance

RoHS 2015: **Compliant**

Reach 219: **Compliant**

Certificate of Conformance: [View](#)

# Need different specs or modifications?

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
- High-precision surface quality and finishes
- Tight tolerances and complex geometries
- Scalable production—from prototyping to full-scale production

Learn more about our [custom manufacturing](#) services.

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## 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

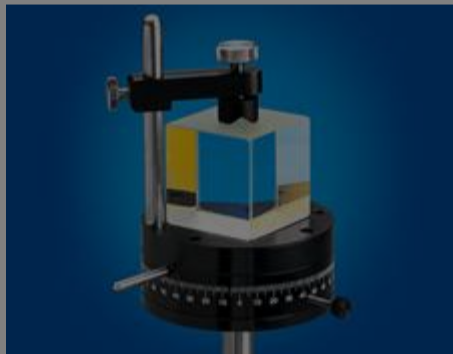
Right Angle Prism Ray Path

Right Angle Prism Ray Path

Right Angle Prism Tunnel Diagram

Right Angle Prism Tunnel Diagram

## Related Products



English Prism Mounts



Metric Prism Mounts



PUROSOL™ Optical Cleaner



High Tolerance N-BK7 Right Angle Prisms

## Frequently Purchased Together



#32-328 - 5mm, Uncoated, N-BK7 Right Angle Prism  
€52,00

Qty



#32-329 - 5mm, Aluminum Coated, N-BK7 Right Angle Prism  
€65,00

Qty



#32-330 - 10mm, Uncoated, N-BK7 Right Angle Prism  
€57,00

Qty



#32-331 - 10mm, Aluminum Coated, N-BK7 Right Angle Prism  
€69,50

Qty

# Resources

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## Media Type

- Application Note
- Video
- FAQ
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