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TECHSPEC®

7mm, Uncoated

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N-BK7 High Tolerance Right Angle Prism

Stock #32-541 **20+ In Stock**

1

€93^{,50}

ADD TO CART

Volume Pricing	
Qty 1-5	€93,50 each
Qty 6-25	€74,50 each
Qty 26-49	€70,00 each
Need More?	Request Quote

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/-0.1

Bevel: Protective as needed

Length of Hypotenuse (mm): 9.90

Length of Legs (mm): 7.00

Optical Properties

Angle Tolerance (arcsec): ±15

Coating: Uncoated

Substrate: N-BK7

Surface Quality: 40-20

Image Orientation: Left-Handed

Ray Deviation (°): 90

Wavelength Range (nm): 350 - 2200

Power (fringes) @ 632.8nm: 1.25

Irregularity (fringes) @ 632.8nm: 0.25

Regulatory Compliance

RoHS 2015: **Compliant**

Reach 219: **Compliant**

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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

Frequently Purchased Together



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

Qty



#32-525 - 2mm, Uncoated, N-BK7 Right Angle Prism
€95,50

Qty



#32-021 - 6mm Dia. x 6mm FL Uncoated, Double-Convex Lens
€32,25

Qty



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

Qty

Resources

Media Type

- Application Note
- Video
- FAQ
- Glossary

APPLICATION NOTE
Anti-Reflection (AR) Coatings

APPLICATION NOTE
An Introduction to Optical Coatings

VIDEO
Optical Prisms Review

FAQ
I'd like to adhere two prisms together. ho...

GLOSSARY
Dove Prism

GLOSSARY
Equilateral (Dispersing) Prism

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