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**TECHSPEC® 4mm, Uncoated, N-SF11 Micro Right Angle Prism**



N-SF11 Right Angle Prisms

Stock **#45-526** **20+ In Stock**

⊖ 1 ⊕ €100<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	€100,00 each
Qty 6-25	€90,00 each
Qty 26-49	€80,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Right Angle Prism **Type:**

**Physical & Mechanical Properties**

±0.05 **Dimensional Tolerance (mm):**

**Bevel:**

Protective as needed

Length of Hypotenuse (mm):

5.70

Length of Legs (mm):

4.00

### Optical Properties

Coating:

Uncoated

Substrate:

N-SF11

Surface Quality:

20-10

Angle Tolerance (arcmin):

±2

Image Orientation:

Left-Handed

Ray Deviation (°):

90

Wavelength Range (nm):

400 - 2500

Power (fringes) @ 632.8nm:

1.25

Irregularity (fringes) @ 632.8nm:

0.25

### Regulatory Compliance

RoHS 2015:

Compliant

Reach 219:

Compliant

Certificate of Conformance:

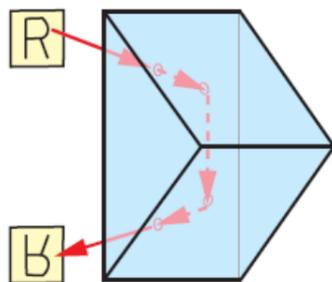
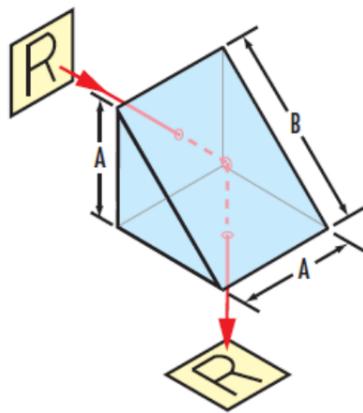
[View](#)

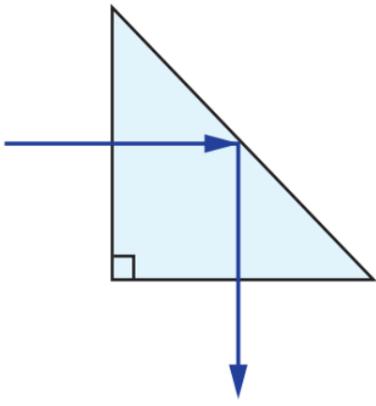
## Product Details

- Ray Deviation of 90°
- Left Handed Image
- High Refractive Index Material
- Additional [Right Angle Prism](#) Options Available

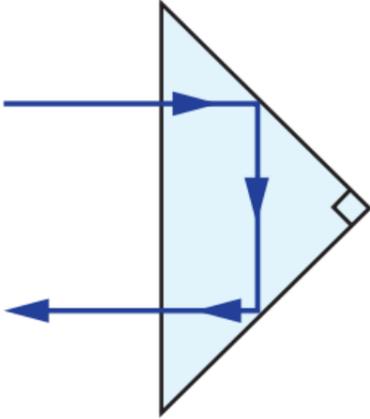
TECHSPEC® N-SF11 Right Angle Prisms are made from high index N-SF11. Right angle prisms are generally used to bend image paths or redirect light at 90°. This produces a left-handed image, and depending on the orientation of the prism, the image may be inverted or reverted. Right angle prisms can also be used in combination for image/beam displacement. TECHSPEC® N-SF11 Right Angle Prisms have a high refractive index that increases the optical path length, thus reducing physical working distance requirements. These lenses are available uncoated or with an aluminized hypotenuse and anti-reflection coated faces.

## Technical Information

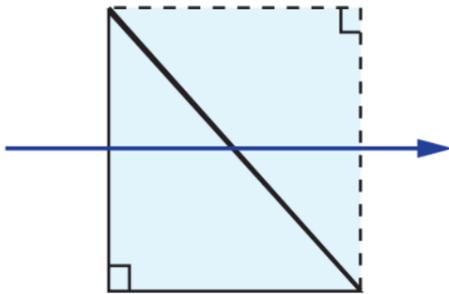




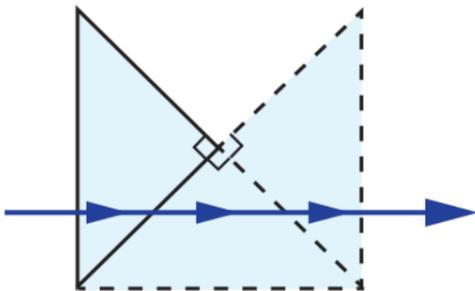
*Right Angle Prism Ray Path*



*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](#).

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