

[See all 12 Products in Family](#)

**TECHSPEC® 15mm, Uncoated, N-SF11 Micro Right Angle Prism**



N-SF11 Right Angle Prisms

Stock **#45-950** **20+ In Stock**

⊖ 1 ⊕ €181<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	€181,00 each
Qty 6-25	€164,00 each
Qty 26-49	€145,00 each
Need More?	<a href="#">Request Quote</a>

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Right Angle Prism **Type:**

**Physical & Mechanical Properties**

+0/-0.1 **Dimensional Tolerance (mm):**

**Bevel:**

Protective as needed

Length of Hypotenuse (mm):

21.20

Length of Legs (mm):

15.00

## Optical Properties

Uncoated **Coating:**

**N-SF11** **Substrate:**

20-10 **Surface Quality:**

±2 **Angle Tolerance (arcmin):**

Left-Handed **Image Orientation:**

90 **Ray Deviation (°):**

400 - 2500 **Wavelength Range (nm):**

1.25 **Power (fringes) @ 632.8nm:**

0.25 **Irregularity (fringes) @ 632.8nm:**

## Regulatory Compliance

**Compliant** **RoHS 2015:**

**Compliant** **Reach 219:**

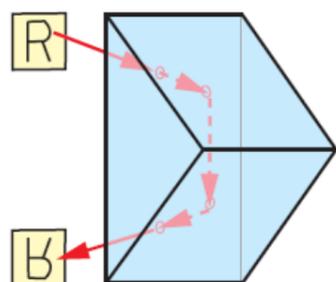
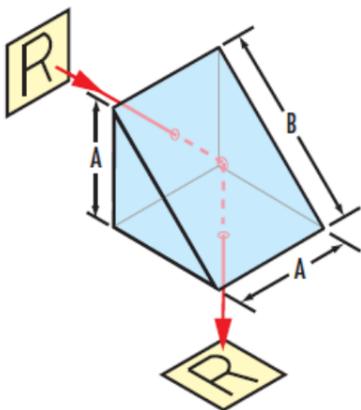
**View** **Certificate of Conformance:**

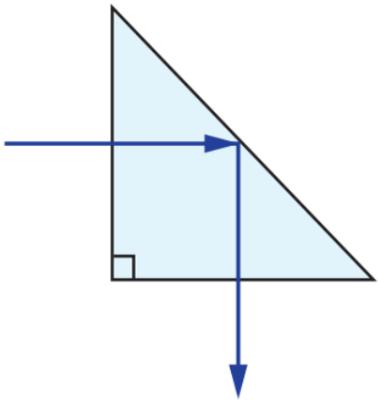
## Product Details

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

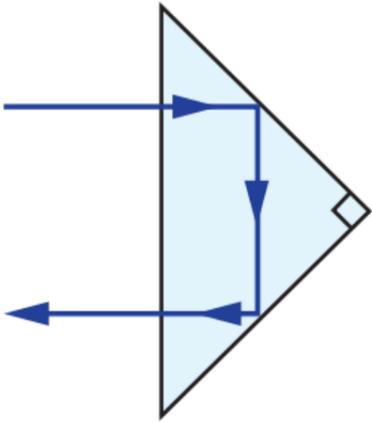
TECHSPEC® N-SF11 Right Angle Prisms are made from high index N-SF11. Right angle prisms are generally used to bend image paths or redirect light at 90°. This produces a left-handed image, and depending on the orientation of the prism, the image may be inverted or reverted. Right angle prisms can also 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

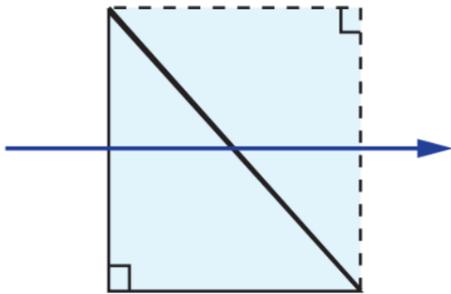




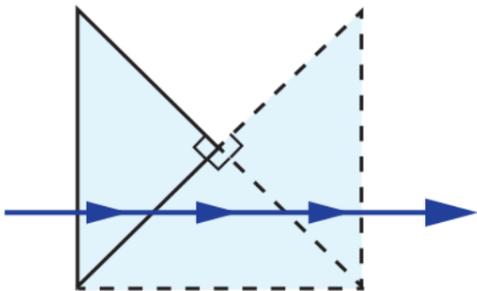
*Right Angle Prism Ray Path*



*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](#).