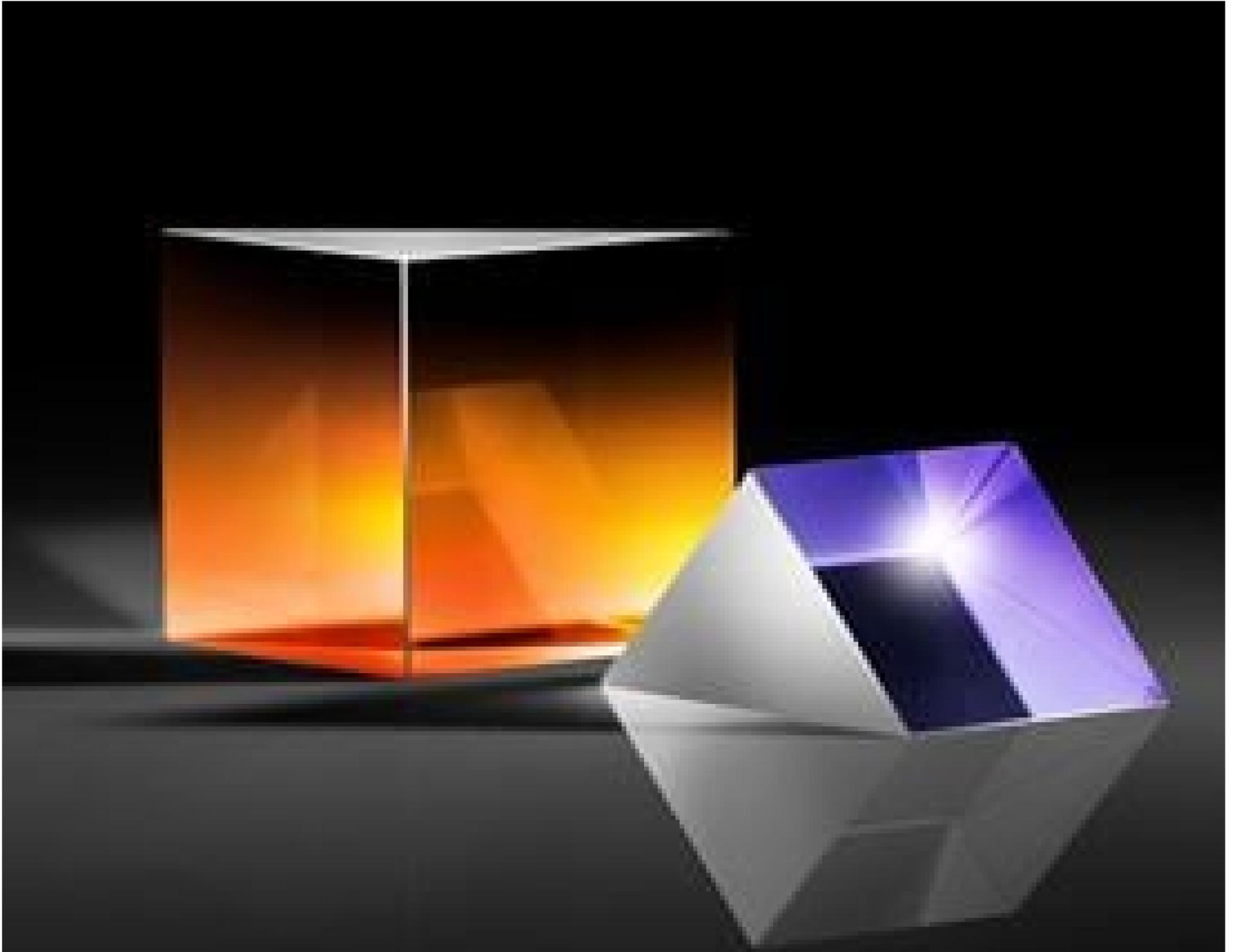


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**TECHSPEC® 25mm N/20, 532nm V-Coat, Nd:YAG Right Angle Prism**



TECHSPEC Nd:YAG Laser Line N/20 UV Fused Silica Right Angle Prisms

Stock **#37-633** **5 In Stock**

⊖ 1 ⊕ **A\$697<sup>00</sup>**

**ADD TO CART**

Volume Pricing	
Qty 1-5	<b>A\$697.60</b> each
Qty 6-25	<b>A\$558.40</b> each
Qty 26-49	<b>A\$524.80</b> each
Need More?	<a href="#">Request Quote</a>

Product Downloads

**General**

Right Angle Prism **Type:**

**Physical & Mechanical Properties**

+0.00/-0.10 **Dimensional Tolerance (mm):**

Protective as needed **Bevel:**

90 Clear Aperture (%):

35.40 Length of Hypotenuse (mm):

25.00 Length of Legs (mm):

## Optical Properties

±15 Angle Tolerance (arcsec):

Laser V-Coat (532nm) Coating:

532 Design Wavelength DWL (nm):

Fused Silica (Corning 7980) Substrate:

20-10 Surface Quality:

±1 Pyramid Tolerance (arcmin):

Left-Handed Image Orientation:

$R_{abs} < 0.25\%$  @ 532nm Coating Specification:

$\lambda/20$  Surface Flatness (P-V):

10 J/cm<sup>2</sup>, 20ns, 20 Hz Damage Threshold, By Design:

## Regulatory Compliance

Compliant RoHS 2015:

Compliant Reach 209:

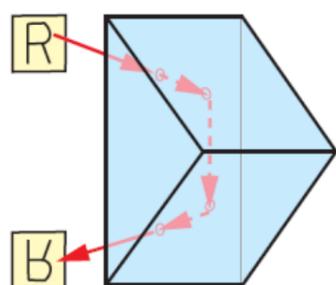
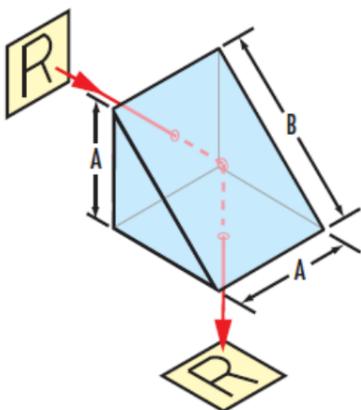
View Certificate of Conformance:

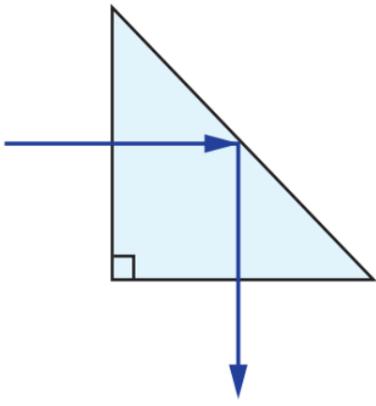
## Product Details

- $\lambda/20$  Surface Flatness
- <0.25% Reflection for Nd:YAG Applications
- 5 - 25mm Sizes Available

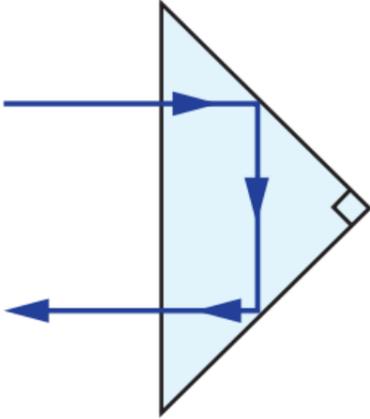
TECHSPEC® Nd:YAG Laser Line  $\lambda/20$  Fused Silica Right Angle Prisms offer a combination of precision surface flatness and guaranteed laser damage threshold AR coatings. These prisms are ideal for beam steering with minimal wavefront distortion due to  $\lambda/20$  surface flatness on all faces. A ±15 arcsecond angular tolerance ensures consistent alignment for volume integration. TECHSPEC® Nd:YAG Laser Line  $\lambda/20$  Fused Silica Right Angle Prisms are designed for transmission through the anti-reflection coated legs of the prism, resulting in a 90° turn in beam direction. A vertically integrated manufacturing process ensures these prisms are easily scaled for custom requests.

## Technical Information

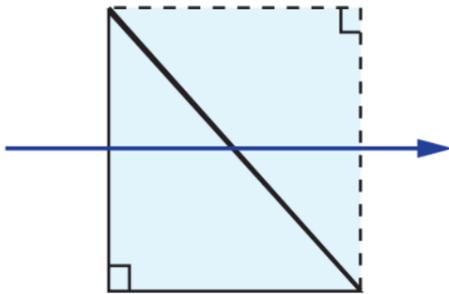




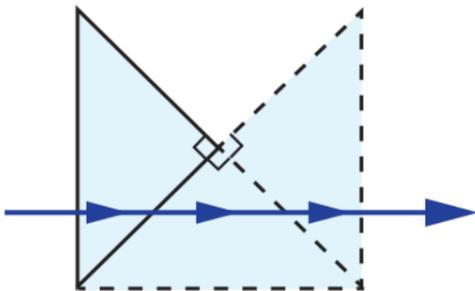
*Right Angle Prism Ray Path*



*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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