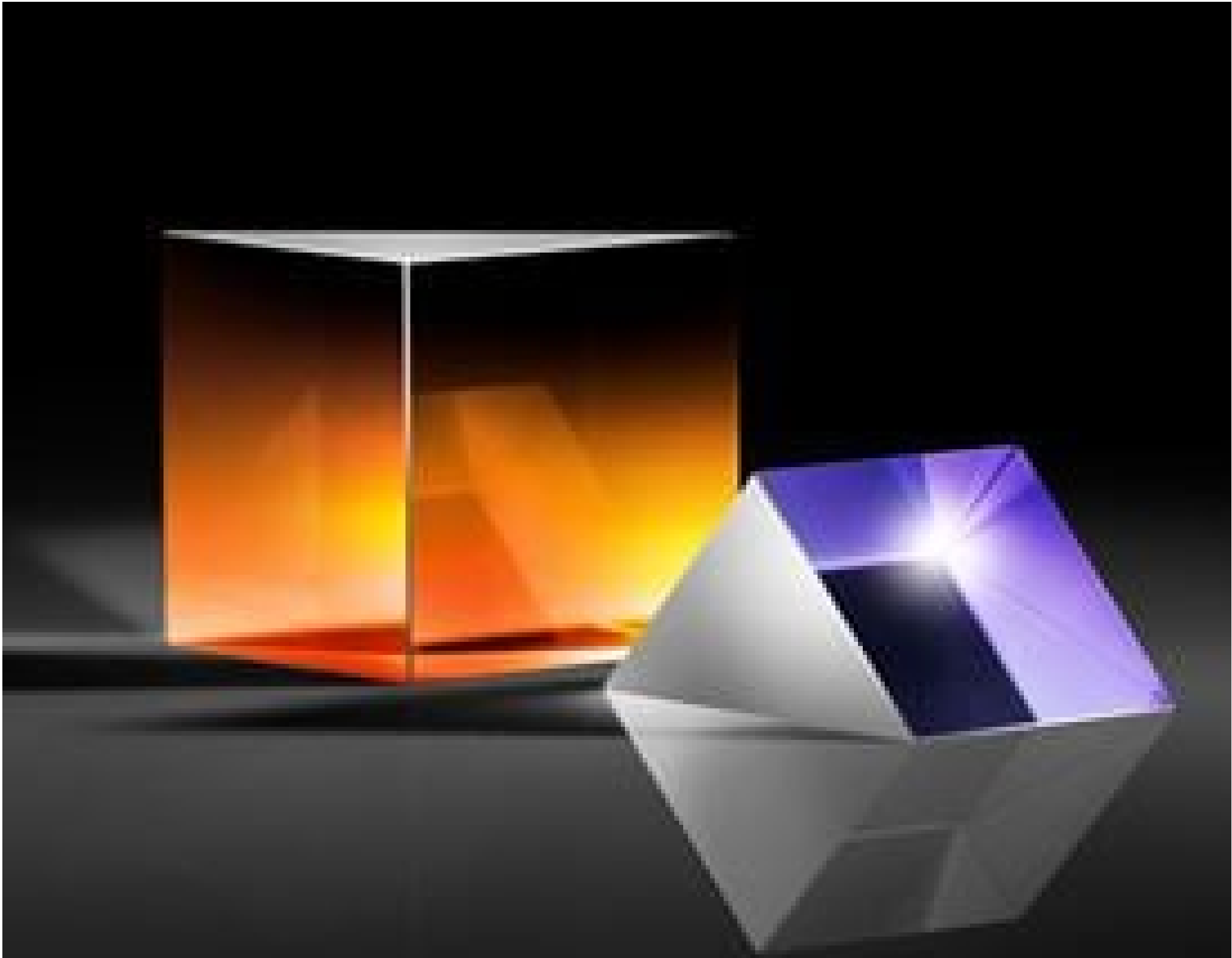


TECHSPEC®

15mm  $\lambda$ /20, 266nm V-Coat, Nd:YAG Right Angle Prism



TECHSPEC Nd:YAG Laser Line  $\lambda$ /20 UV Fused Silica Right Angle Prisms

Stock **#37-619** 5 In Stock

-

1

+

S\$515<sup>26</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | S\$515.26 each                |
| Qty 6-25       | S\$412.21 each                |
| Qty 26-49      | S\$386.82 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

SPECIFICATIONS

General

Right Angle Prism

Type:

Physical & Mechanical Properties

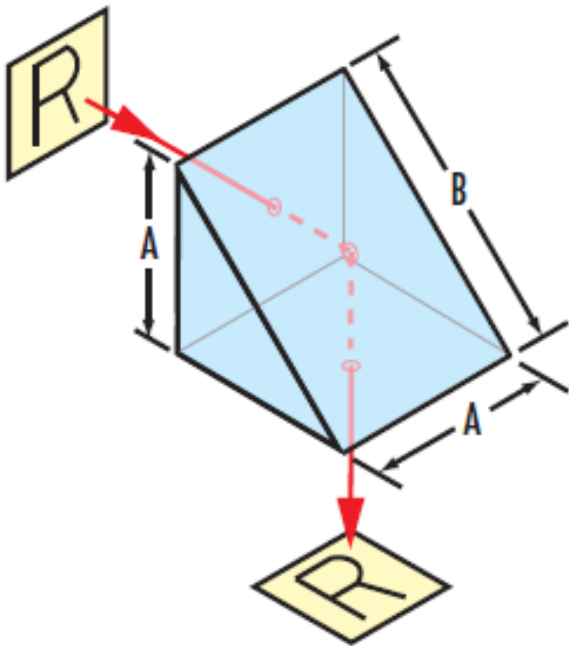
|                                 |  |                                                       |
|---------------------------------|--|-------------------------------------------------------|
| +0.00/-0.10                     |  | Dimensional Tolerance (mm):                           |
| Protective as needed            |  | Bevel:                                                |
| 90                              |  | Clear Aperture (%):                                   |
| 21.20                           |  | Length of Hypotenuse (mm):                            |
| 15.00                           |  | Length of Legs (mm):                                  |
| Optical Properties              |  |                                                       |
| ±15                             |  | Angle Tolerance (arcsec):                             |
| Laser V-Coat (266nm)            |  | Coating:                                              |
| 266                             |  | Design Wavelength DWL (nm):                           |
| Fused Silica (Corning 7980)     |  | Substrate: <input type="checkbox"/>                   |
| 20-10                           |  | Surface Quality:                                      |
| ±1                              |  | Pyramid Tolerance (arcmin):                           |
| Left-Handed                     |  | Image Orientation:                                    |
| R <sub>abs</sub> <0.25% @ 266nm |  | Coating Specification:                                |
| λ/20                            |  | Surface Flatness (P-V):                               |
| 3 J/cm², 20ns, 20Hz             |  | Damage Threshold, By Design: <input type="checkbox"/> |
| Regulatory Compliance           |  |                                                       |
| Compliant                       |  | RoHS 2015:                                            |
| Compliant                       |  | Reach 209:                                            |
| View                            |  | Certificate of Conformance:                           |

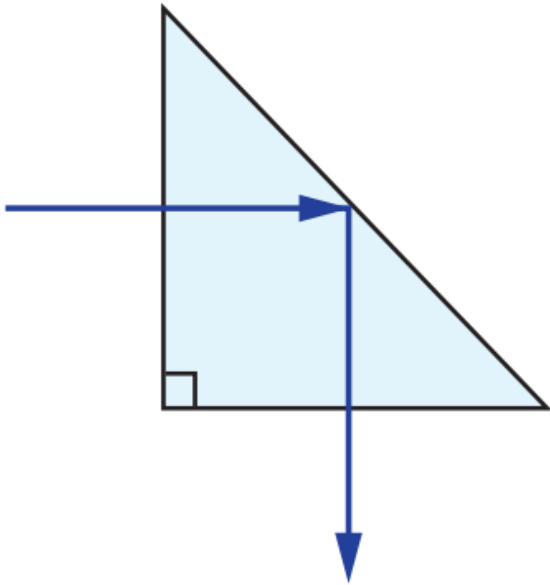
## PRODUCT DETAILS

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

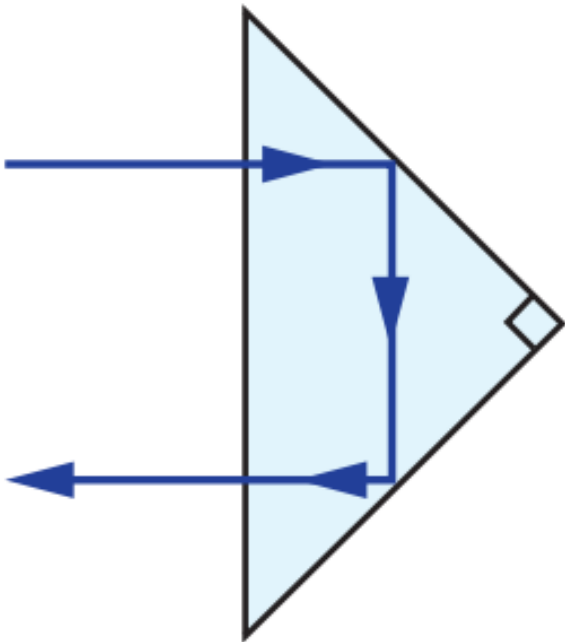
TECHSPEC® Nd:YAG Laser Line λ/20 UV Fused Silica Right Angle Prisms offer a combination of precision surface flatness and guaranteed laser damage threshold AR coatings. These prisms are ideal for beam steering with minimal wavefront distortion due to λ/20 surface flatness on all faces. A ±15 arcsecond angular tolerance ensures consistent alignment for volume integration. TECHSPEC® Nd:YAG Laser Line λ/20 UV 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

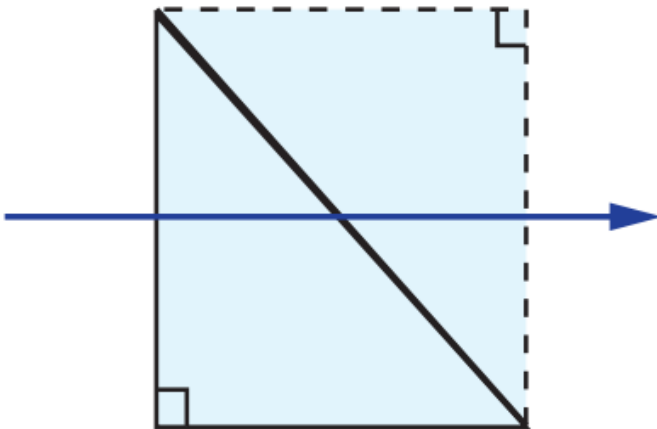




*Right Angle Prism Ray Path*



*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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