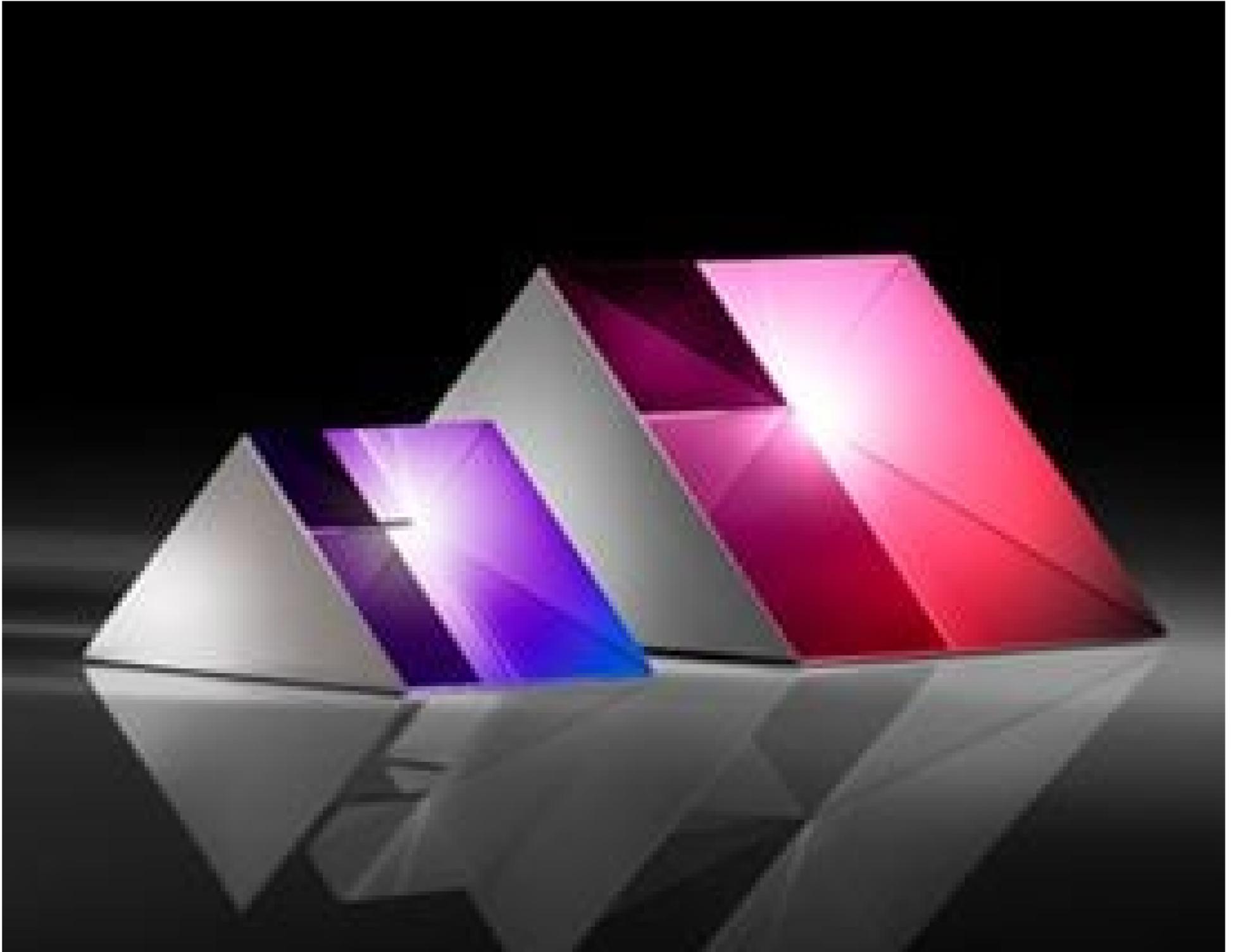


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**TECHSPEC® 5mm UV-VIS Coated, UV Fused Silica Right Angle Prism**



Stock **#27-277** **5 In Stock**

⊖ 1 ⊕ **S\$179<sup>.20</sup>**

**ADD TO CART**

Volume Pricing	
Qty 1-5	<b>S\$179.20</b> each
Qty 6-25	<b>S\$142.80</b> each
Qty 26-49	<b>S\$134.40</b> each
Need More?	<a href="#">Request Quote</a>

Product Downloads

**General**

Right Angle Prism **Type:**

Coating on Entrance/Exit Faces **Note:**

**Physical & Mechanical Properties**

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

Protective as needed	<b>Bevel:</b>
90	<b>Clear Aperture (%):</b>
7.10	<b>Length of Hypotenuse (mm):</b>
5.00	<b>Length of Legs (mm):</b>

## Optical Properties

±15	<b>Angle Tolerance (arcsec):</b>
UV-VIS (250-700nm)	<b>Coating:</b>
<a href="#">Fused Silica</a> (Corning 7980)	<b>Substrate:</b> <input type="checkbox"/>
40-20	<b>Surface Quality:</b>
Left-Handed	<b>Image Orientation:</b>
R <sub>abs</sub> ≤1.0% @ 350 - 450nm R <sub>avg</sub> ≤1.5% @ 250 - 700nm	<b>Coating Specification:</b>
90	<b>Ray Deviation (°):</b>
250 - 700	<b>Wavelength Range (nm):</b>
3 J/cm <sup>2</sup> @ 355nm, 10ns 5 J/cm <sup>2</sup> @ 532nm, 10ns	<b>Damage Threshold, Reference:</b> <input type="checkbox"/>
1.25	<b>Power (fringes) @ 632.8nm:</b>
0.20	<b>Irregularity (fringes) @ 632.8nm:</b>

## Regulatory Compliance

<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Compliant</a>	<b>Reach 235:</b>

## Product Details

- BBAR Coatings from the UV to the NIR
- Ideal for Low Power Laser Sources
- Sizes Ranging from 5 – 25mm

TECHSPEC® Broadband Anti-Reflection (BBAR) Coated Fused Silica Right Angle Prisms bend an image path or redirect light at 90°. Featuring a broadband antireflection (BBAR) coating on both the entrance and exit surfaces, these prisms provide improved transmission efficiency compared to uncoated [UV fused silica right angle prisms](#). Manufactured from UV fused silica, these prisms feature low thermal expansion and excellent transmission through the UV, visible, and NIR spectra. TECHSPEC® Broadband Anti-Reflection (BBAR) Coated Fused Silica Right Angle Prisms are ideal for use in a wide range of scientific and industrial applications including medical devices, semiconductor inspection, and laser-based instrumentation.

## 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](#).