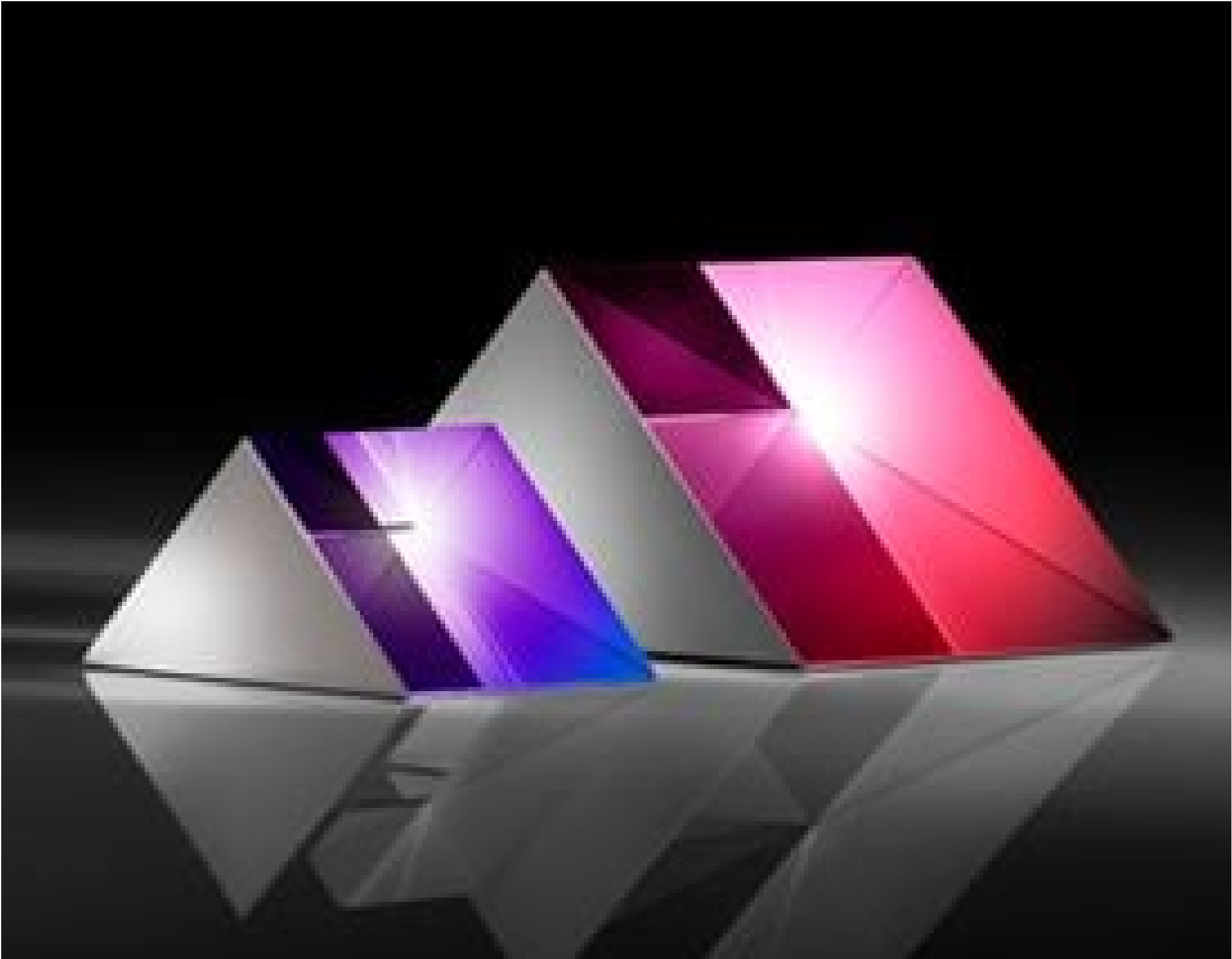


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TECHSPEC®

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



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

-

1

+

£102<sup>40</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | £102.40 each                  |
| Qty 6-25       | £81.60 each                   |
| Qty 26-49      | £76.80 each                   |
| Need More?     | <a href="#">Request Quote</a> |

! Prices shown are exclusive of VAT/local taxes

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 | Bevel:                     |
| 90                   | Clear Aperture (%):        |
| 7.10                 | Length of Hypotenuse (mm): |

|      |                      |
|------|----------------------|
| 5.00 | Length of Legs (mm): |
|------|----------------------|

Optical Properties

|     |                           |
|-----|---------------------------|
| ±15 | Angle Tolerance (arcsec): |
|-----|---------------------------|

|                    |          |
|--------------------|----------|
| UV-VIS (250-700nm) | Coating: |
|--------------------|----------|

|                             |                                     |
|-----------------------------|-------------------------------------|
| Fused Silica (Corning 7980) | Substrate: <input type="checkbox"/> |
|-----------------------------|-------------------------------------|

|       |                  |
|-------|------------------|
| 40-20 | Surface Quality: |
|-------|------------------|

|             |                    |
|-------------|--------------------|
| Left-Handed | Image Orientation: |
|-------------|--------------------|

|                                                                              |                        |
|------------------------------------------------------------------------------|------------------------|
| R <sub>abs</sub> ≤1.0% @ 350 - 450nm<br>R <sub>avg</sub> ≤1.5% @ 250 - 700nm | Coating Specification: |
|------------------------------------------------------------------------------|------------------------|

|    |                    |
|----|--------------------|
| 90 | Ray Deviation (°): |
|----|--------------------|

|           |                        |
|-----------|------------------------|
| 250 - 700 | Wavelength Range (nm): |
|-----------|------------------------|

|                                                                        |                                                       |
|------------------------------------------------------------------------|-------------------------------------------------------|
| 3 J/cm <sup>2</sup> @ 355nm, 10ns<br>5 J/cm <sup>2</sup> @ 532nm, 10ns | Damage Threshold, Reference: <input type="checkbox"/> |
|------------------------------------------------------------------------|-------------------------------------------------------|

|      |                            |
|------|----------------------------|
| 1.25 | Power (fringes) @ 632.8nm: |
|------|----------------------------|

|      |                                   |
|------|-----------------------------------|
| 0.20 | Irregularity (fringes) @ 632.8nm: |
|------|-----------------------------------|

Regulatory Compliance

|           |            |
|-----------|------------|
| Compliant | RoHS 2015: |
|-----------|------------|

|      |                             |
|------|-----------------------------|
| View | Certificate of Conformance: |
|------|-----------------------------|

|           |            |
|-----------|------------|
| Compliant | Reach 235: |
|-----------|------------|

## 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](#).