

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



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

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1

+

A\$204^{.80}

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Volume Pricing	
Qty 1-5	A\$204.80 each
Qty 6-25	A\$163.20 each
Qty 26-49	A\$153.60 each
Need More?	Request Quote

Product Downloads

General	
Right Angle Prism	Type:
Coating on Entrance/Exit Faces	Note:
Physical & Mechanical Properties	
+0.00/-0.10	Dimensional Tolerance (mm):

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

Optical Properties	
	Angle Tolerance (arcsec):
±15	
	Coating:
UV-VIS (250-700nm)	
	Substrate: ☐
Fused Silica (Corning 7980)	
	Surface Quality:
40-20	
	Image Orientation:
Left-Handed	
	Coating Specification:
R _{abs} ≤1.0% @ 350 - 450nm R _{avg} ≤1.5% @ 250 - 700nm	
	Ray Deviation (°):
90	
	Wavelength Range (nm):
250 - 700	
	Damage Threshold, Reference: ☐
3 J/cm² @ 355nm, 10ns 5 J/cm² @ 532nm, 10ns	
	Power (fringes) @ 632.8nm:
1.25	
	Irregularity (fringes) @ 632.8nm:
0.20	

Regulatory Compliance	
	RoHS 2015:
Compliant	
	Certificate of Conformance:
View	
	Reach 235:
Compliant	

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](#).

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.