

TECHSPEC[®] 25mm Uncoated, Fused Silica High Tolerance RA Prism



TECHSPEC High Tolerance UV Fused Silica Right Angle Prisms

Stock **#47-204** 20+ In Stock

-

1

+

C\$222⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	C\$222.60 each
Qty 6-25	C\$200.34 each
Qty 26-49	C\$178.08 each
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Product Downloads

SPECIFICATIONS

General

Type:
Right Angle Prism

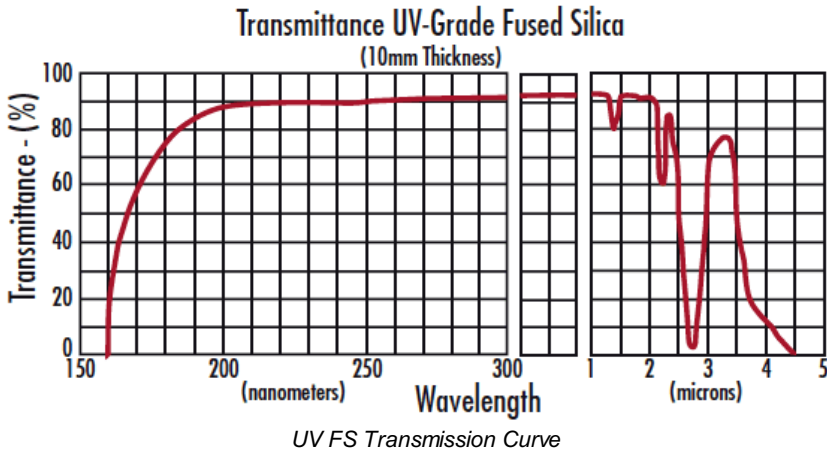
Physical & Mechanical Properties

+0.0/-0.1	Dimensional Tolerance (mm):
Protective as needed	Bevel:
35.40	Length of Hypotenuse (mm):
25.00	Length of Legs (mm):
Optical Properties	
±40	Angle Tolerance (arcsec):
Uncoated	Coating:
Fused Silica (Corning 7980)	Substrate: ☐
20-10	Surface Quality:
±1	Pyramid Tolerance (arcmin):
Left-Handed	Image Orientation:
200 - 2200	Wavelength Range (nm):
1.25	Power (fringes) @ 632.8nm:
0.20	Irregularity (fringes) @ 632.8nm:
Regulatory Compliance	
Compliant	RoHS 2015:
Compliant	Reach 219:
View	Certificate of Conformance:

PRODUCT DETAILS

- Ray Deviation of 90°
 - Left Handed Image
 - ±40 Arcseconds Angle Tolerance
 - Additional [Right Angle Prism](#) Options Available
- TECHSPEC® High Tolerance UV Fused Silica Right Angle Prisms, like most right angle prisms, are used to bend image paths or redirect light at 90°. This produces a left-handed image and depending on the orientation of the prism, the image may be inverted or reverted. Right angle prisms can also be used in combination for image/beam displacement. TECHSPEC® High Tolerance UV Fused Silica Right Angle Prisms feature low arcsecond angle tolerance and are made from precision UV fused silica for use in a variety of UV, Visible and NIR applications. The prisms are offered in leg lengths from 5 to 25mm.

TECHNICAL INFORMATION



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](#).
