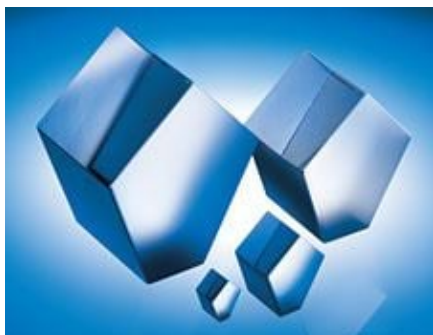


[All Products](#) / [Optics](#) / [Prisms](#) / [Penta Prisms](#)
TECHSPEC® UV Fused Silica Penta Prisms


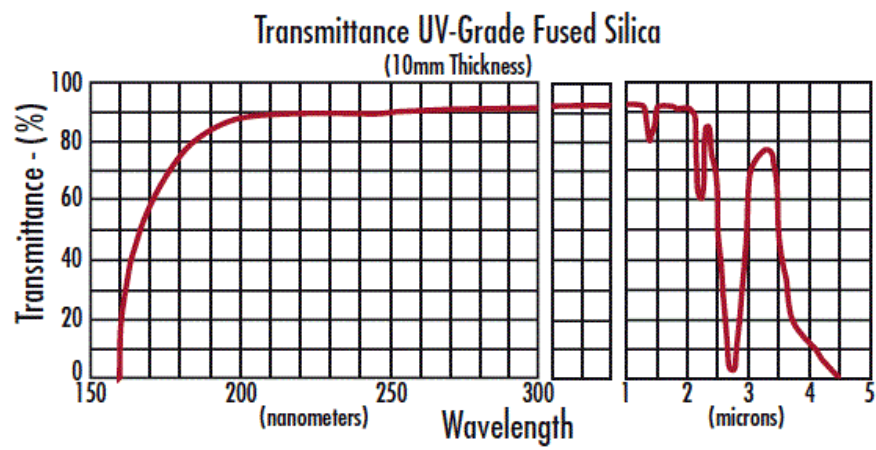
- Ray Deviation of 90°
- Right Handed Image
- Optical Tool for Defining a Right Angle
- Additional [Penta Prism](#) Options Available

Common Specifications

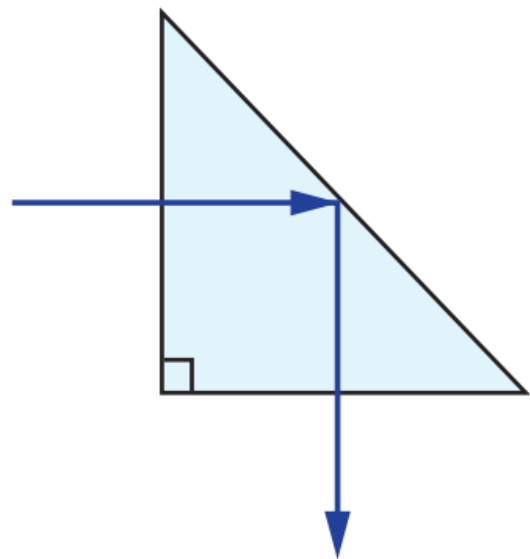
Physical & Mechanical Properties

Dimensional Tolerance (mm): ±0.10	Bevel: Protective as needed
Optical Properties	
Substrate: Fused Silica (Corning 7980)	Surface Quality: 20-10
Angle Tolerance (arcmin): ±1	Image Orientation: Right-Handed
Ray Deviation (°): 90	Power (fringes) @ 632.8nm: 0.20
Irregularity (fringes) @ 632.8nm: 0.20	

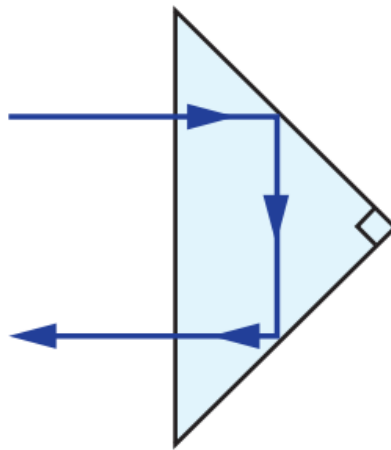
Technical Information



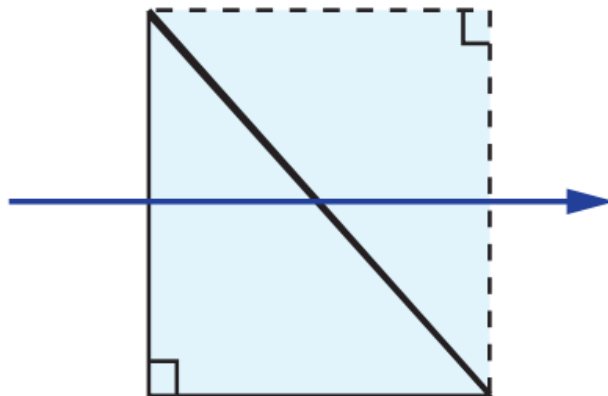
UV FS Transmission Curve



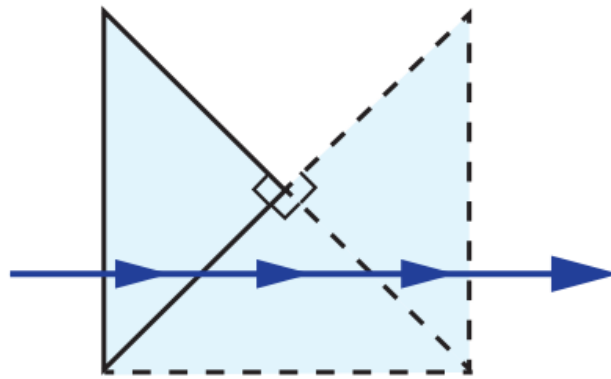
Right Angle Prism Ray Path



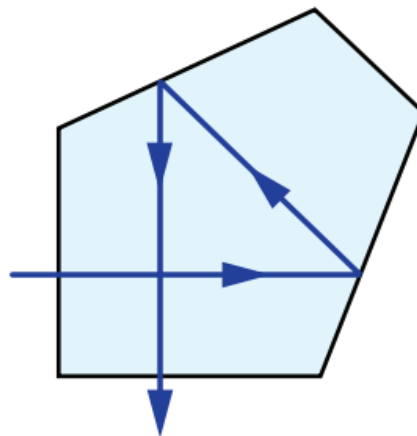
Right Angle Prism Ray Path



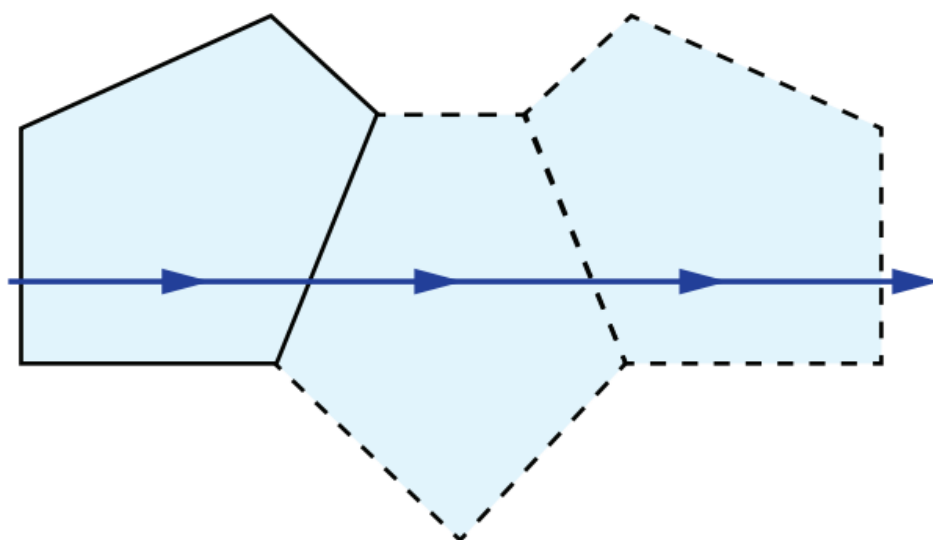
Right Angle Prism Tunnel Diagram



Right Angle Prism Tunnel Diagram




Penta Prism Ray Path



Penta Prism Tunnel Diagram

Products

Length of Legs (mm)	Coating	Ray Deviation (°)	Wavelength Range (nm)	Stock Number	Price	Buy
#49-016 Clearance						
						
Clearance						
Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.						
5.00	Uncoated	90	200 - 2200		£87.20	20+ In Stock
10.00	Uncoated	90	200 - 2200	#49-017	£140.80 Volume Pricing	20+ In Stock

[#49-018 Clearance](#)



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Receive
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products.

-	Uncoated	90	200 - 2200	£104.80	20+ In Stock
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[#49-023 Clearance](#)



Clearance

Availability
is limited,
so buy
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products
disappear.
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returns.
Receive
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products.

-	UV-AR & Aluminized	90	250 - 425	£82.40	20+ In Stock
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