

[All Products](#) / [Optics](#) / [Prisms](#) / [Right Angle Prisms](#)
TECHSPEC® $\lambda/20$ UV Fused Silica Right Angle Prisms


- $\lambda/20$ Surface Flatness
- UV Fused Silica Substrate
- Laser Optic Quality

Common Specifications

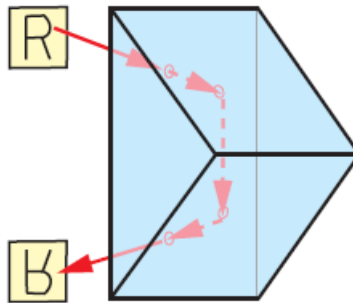
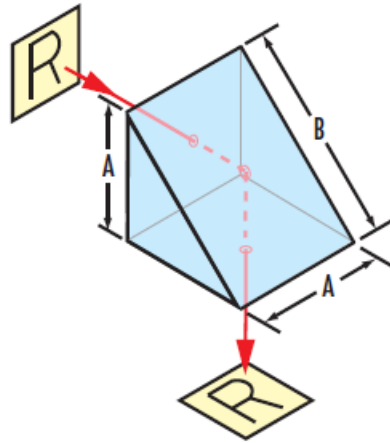
Physical & Mechanical Properties

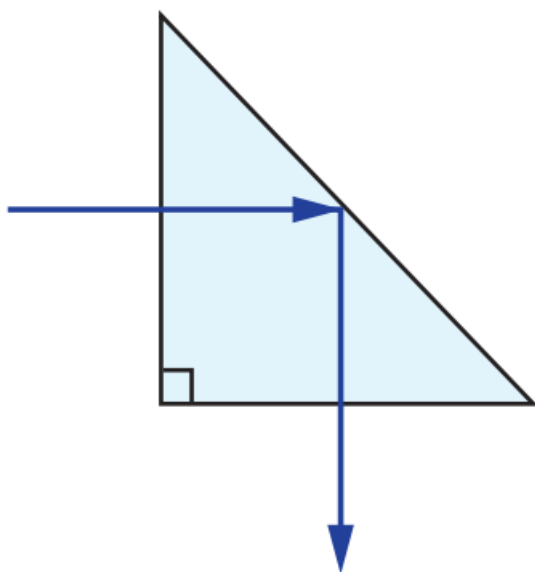
Dimensional Tolerance (mm):	+0.00/-0.10	Bevel:	Protective as needed
Clear Aperture (%):	90		

Optical Properties

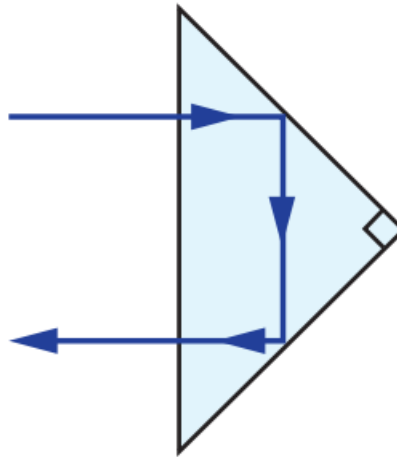
Angle Tolerance (arcsec):	± 15		
Substrate:	Fused Silica (Corning 7980)	Surface Quality:	20-10
Pyramid Tolerance (arcmin):	± 1	Image Orientation:	Left-Handed

Technical Information

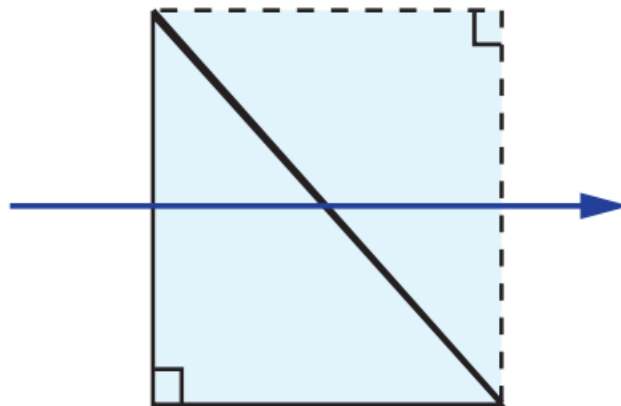




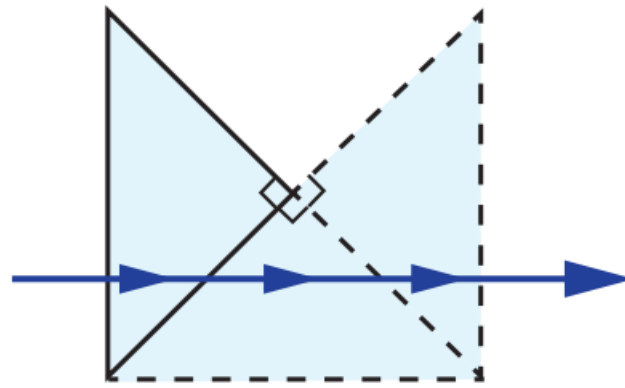
Right Angle Prism Ray Path



Right Angle Prism Ray Path



Right Angle Prism Tunnel Diagram



Right Angle Prism Tunnel Diagram

Products

Length of Legs (mm)	Length of Hypotenuse (mm)	Coating	Stock Number	Price	Buy
5.00	7.10	Uncoated	#35-900	€267,80 Volume Pricing	20+ In Stock
5.00	7.10	UV-VIS & Aluminized	#39-840	€287,37 Volume Pricing	9 In Stock
10.00	14.10	Uncoated	#35-901	€292,52 Volume Pricing	Contact Us
10.00	14.10	UV-VIS & Aluminized	#39-841	€312,09 Volume Pricing	5 In Stock
12.50	17.70	Uncoated	#35-903	€297,67 Volume Pricing	20+ In Stock
12.50	17.70	UV-VIS & Aluminized	#39-842	€317,24 Volume Pricing	11 In Stock
15.00	21.20	Uncoated	#35-904	€315,18 Volume Pricing	20+ In Stock
15.00	21.20	UV-VIS & Aluminized	#39-843	€333,72 Volume Pricing	5 In Stock
20.00	28.30	Uncoated	#35-905	€330,63 Volume Pricing	20+ In Stock
20.00	28.30	UV-VIS & Aluminized	#39-844	€350,20 Volume Pricing	3 In Stock
25.00	35.40	Uncoated	#35-906	€369,77 Volume Pricing	20+ In Stock
25.00	35.40	UV-VIS & Aluminized	#39-845	€389,34 Volume Pricing	Contact Us



Copyright 2023 | Edmund Optics, Ltd Unit 1, Opus Avenue, Nether Poppleton, York, YO26 6BL, UK
Phone: 1-800-363-1992 :
www.edmundoptics.com