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TECHSPEC®

High Tolerance UV Fused Silica Right Angle Prisms



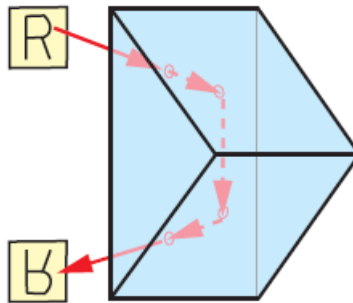
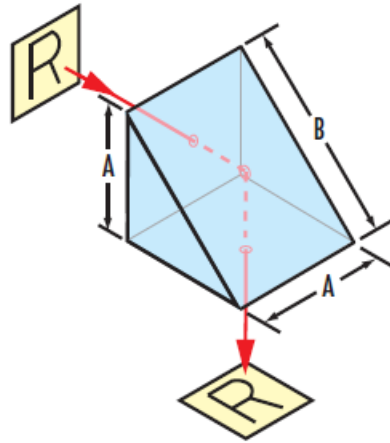
- Ray Deviation of 90°
- Left Handed Image
- ± 40 Arcseconds Angle Tolerance
- Additional [Right Angle Prism](#) Options Available

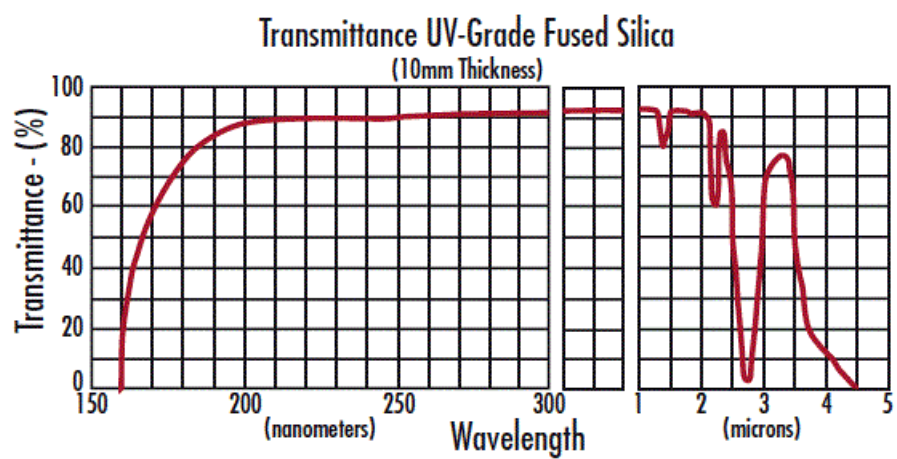
Common Specifications

Physical & Mechanical Properties

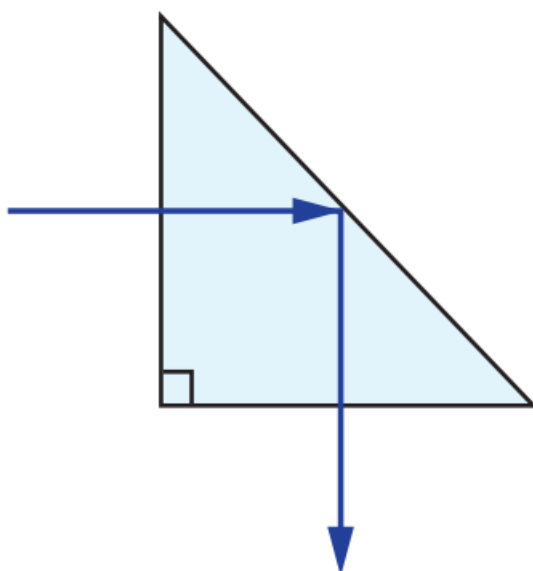
Dimensional Tolerance (mm): +0.0/-0.1	Bevel: Protective bevel as needed
Optical Properties	
Angle Tolerance (arcsec): ± 40	Substrate: Fused Silica (Corning 7980)
Surface Quality: 20-10	Pyramid Tolerance (arcmin): ± 1
Image Orientation: Left-Handed	Power (fringes) @ 632.8nm: 1.25
Irregularity (fringes) @ 632.8nm: 0.20	

Technical Information

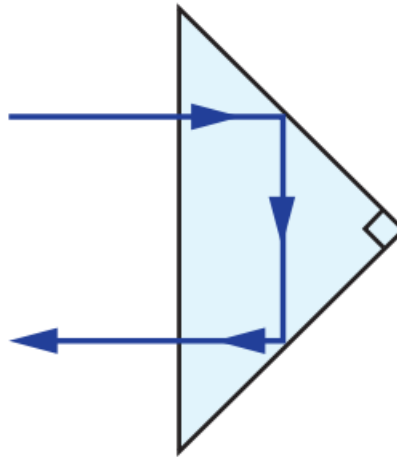




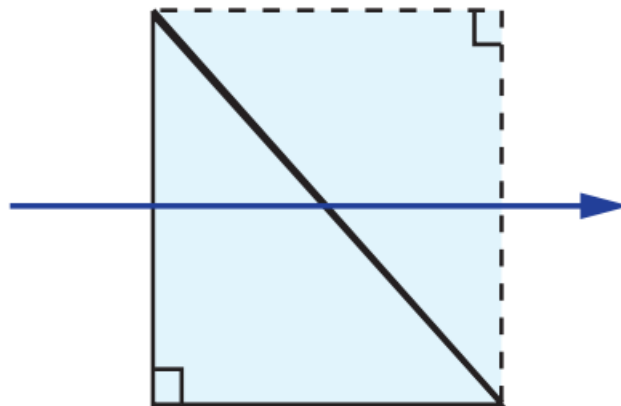
UV FS Transmission Curve



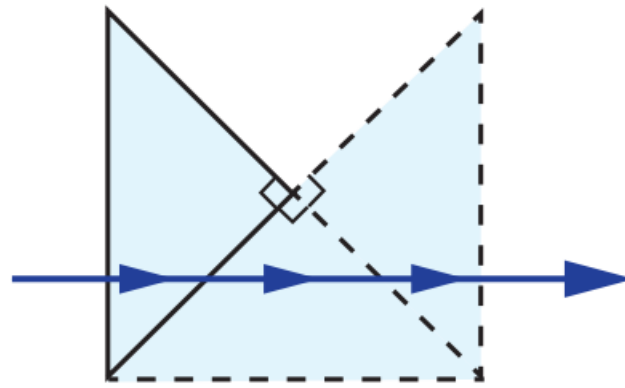
Right Angle Prism Ray Path



Right Angle Prism Ray Path



Right Angle Prism Tunnel Diagram



Right Angle Prism Tunnel Diagram

Products

Length of Legs (mm)	Length of Hypotenuse (mm)	Coating	Stock Number	Price	Buy
5.00	7.10	Uncoated	#47-200	€93,50 Qty 6+ €84,00	3-4 days
5.00	7.10	UV-VIS & Aluminized	#47-800	€121,00 Qty 6+ €109,00	3-4 days
10.00	14.10	Uncoated	#47-201	€102,00 Qty 6+ €91,50	3-4 days
10.00	14.10	UV-VIS & Aluminized	#47-801	€129,00 Qty 6+ €116,00	In Stock
12.50	17.70	Uncoated	#47-202	€104,00 Qty 6+ €93,50	3-4 days
12.50	17.70	UV-VIS & Aluminized	#47-802	€131,00 Qty 6+ €118,00	3-4 days
15.00	21.20	Uncoated	#47-203	€110,00 Qty 6+ €99,00	3-4 days
15.00	21.20	UV-VIS & Aluminized	#47-803	€139,00 Qty 6+ €125,00	3-4 days
20.00	28.30	Uncoated	#47-790	€115,00 Qty 6+ €104,00	In Stock
20.00	28.30	UV-VIS & Aluminized	#47-804	€148,00 Qty 6+ €133,00	Contact Us
25.00	35.40	Uncoated	#47-204	€150,00 Qty 6+ €135,00	3-4 days
25.00	35.40	UV-VIS & Aluminized	#47-805	€187,00 Qty 6+ €168,00	3-4 days



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