

[All Products](#) / [Optics](#) / [Prisms](#) / [Right Angle Prisms](#)

TECHSPEC® High Power Laser Line Right Angle Prisms



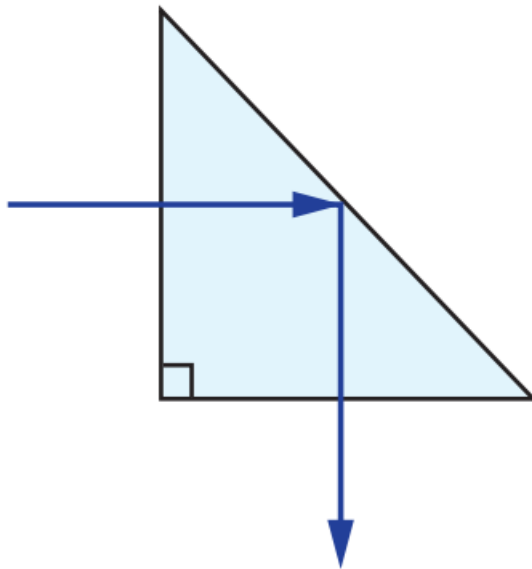
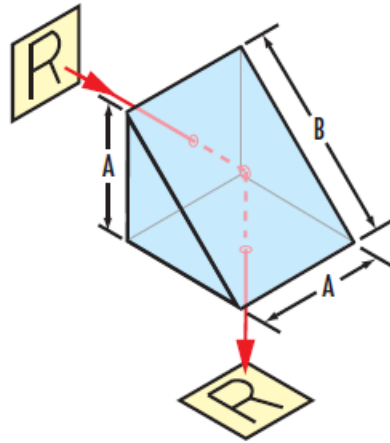
- 355nm, 532nm and 1064nm Options Available
- High Damage Threshold
- Ray Deviation of 90°
- Additional [Right Angle Prisms](#) Available

Common Specifications

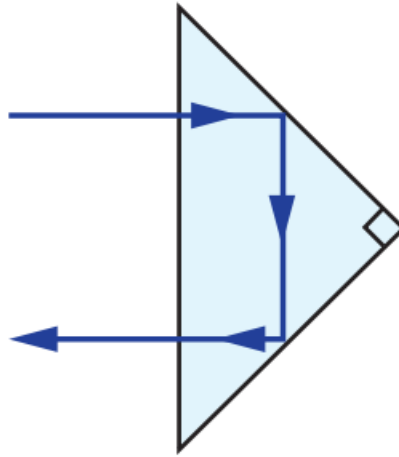
Physical & Mechanical Properties

Dimensional Tolerance (mm): +0.00/-0.10	Bevel: Protective 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	Ray Deviation (°): 90
Power (fringes) @ 632.8nm: 1.25	Irregularity (fringes) @ 632.8nm: 0.20

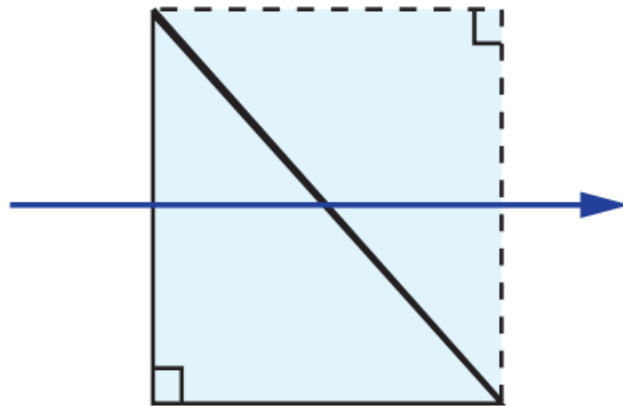
Technical Information



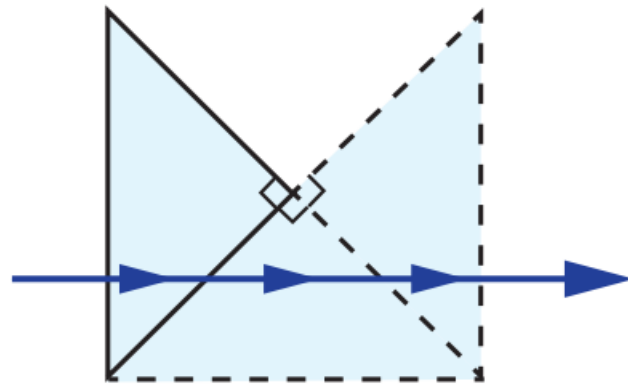
Right Angle Prism Ray Path



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	Laser V-Coat (355nm)	#83-317	€152,44 Volume Pricing	5 In Stock
10.00	14.10	Laser V-Coat (355nm)	#83-318	€159,65 Volume Pricing	5 In Stock
12.50	17.70	Laser V-Coat (355nm)	#83-319	€162,74 Volume Pricing	12 In Stock
15.00	21.20	Laser V-Coat (355nm)	#83-320	€167,89 Volume Pricing	Contact Us
20.00	28.30	Laser V-Coat (355nm)	#83-321	€173,04 Volume Pricing	2 In Stock
5.00	7.10	Laser V-Coat (532nm)	#83-323	€152,44 Volume Pricing	7 In Stock
10.00	14.10	Laser V-Coat (532nm)	#83-324	€159,65 Volume Pricing	6 In Stock
12.50	17.70	Laser V-Coat (532nm)	#83-325	€162,74 Volume Pricing	4 In Stock
15.00	21.20	Laser V-Coat (532nm)	#83-326	€167,89 Volume Pricing	6 In Stock
20.00	28.30	Laser V-Coat (532nm)	#83-327	€173,04 Volume Pricing	2 In Stock
5.00	7.10	Laser V-Coat (1064nm)	#83-329	€152,44 Volume Pricing	5 In Stock
10.00	14.10	Laser V-Coat (1064nm)	#83-330	€159,65 Volume Pricing	4 In Stock
12.50	17.70	Laser V-Coat (1064nm)	#83-331	€162,74 Volume Pricing	16 In Stock
15.00	21.20	Laser V-Coat (1064nm)	#83-332	€167,89 Volume Pricing	16 In Stock
20.00	28.30	Laser V-Coat (1064nm)	#83-333	€173,04 Volume Pricing	1 In Stock



Copyright 2025 | Edmund Optics BV, De Maas 22B, 5684 PL Best, The Netherlands

Phone: 1-800-363-1992 :

www.edmundoptics.com