

[All Products](#) / [Optics](#) / [Optical Mirrors](#) / [Specialty Mirrors](#)
TECHSPEC® 90° Specialty Mirrors


- Splits Input Image Into Two Paths Separated by 180°
- Variety of Sizes and Broadband Coatings Available
- Additional [Right Angle Prism](#) Options Available

Common Specifications

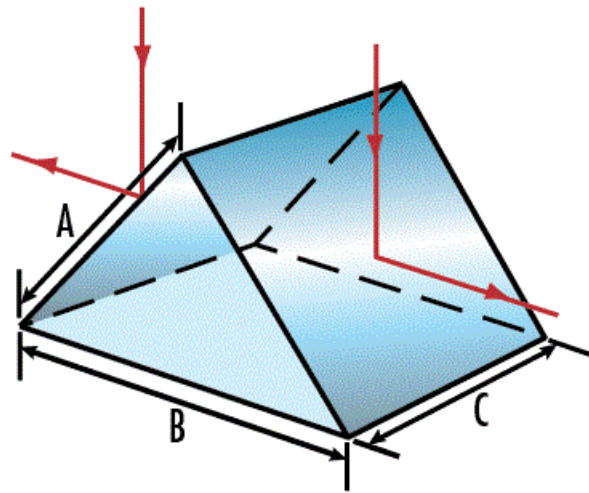
Physical & Mechanical Properties

Dimensional Tolerance (mm):	±0.1	Bevel:	Protective as needed
Clear Aperture (%):	90.00		

Optical Properties

Substrate:	N-BK7		
Surface Quality:	40-20	Angle Tolerance (arcmin):	±2
Coating Type:	Metal	Power (fringes) @ 632.8nm:	1.25
Irregularity (fringes) @ 632.8nm:	0.50		

Technical Information



Products

CA (mm)	Length of Legs (mm)	Length of Hypotenuse (mm)	Coating	Stock Number	Price	Buy
2.7	3.00	4.20	Enhanced Aluminum (450- 650nm)	#25-686	€107,12 Volume Pricing	Contact Us
4.6	5.00	7.10	Enhanced Aluminum (450- 650nm)	#49-412	€115,36 Volume Pricing	5 In Stock
5.6	6.25	8.80	Enhanced Aluminum (450- 650nm)	#25-687	€115,36 Volume Pricing	Contact Us
9.0	10.00	14.10	Enhanced Aluminum (450- 650nm)	#47-004	€130,81 Volume Pricing	20+ In Stock
11.2	12.50	17.70	Enhanced Aluminum (450- 650nm)	#25-688	€136,99 Volume Pricing	3 In Stock
13.5	15.00	21.20	Enhanced Aluminum (450- 650nm)	#49-413	€144,20 Volume Pricing	10 In Stock
19.4	20.00	28.30	Enhanced Aluminum (450- 650nm)	#49-414	€160,68 Volume Pricing	20+ In Stock
24.4	25.00	35.40	Enhanced Aluminum (450- 650nm)	#47-005	€174,07 Volume Pricing	20+ In Stock
27.0	30.00	42.40	Enhanced Aluminum (450- 650nm)	#25-689	€214,24 Volume Pricing	2 In Stock

31.5	35.00	49.50	Enhanced Aluminum (450-650nm)	#25-690	€267,80 Volume Pricing	Contact Us
36.0	40.00	56.60	Enhanced Aluminum (450-650nm)	#25-691	€321,36 Volume Pricing	4 In Stock
49.4	50.00	70.70	Enhanced Aluminum (450-650nm)	#47-006	€385,22 Volume Pricing	6 In Stock
73.5	75.00	106.10	Enhanced Aluminum (450-650nm)	#47-309	€487,19 Volume Pricing	5 In Stock
2.7	3.00	4.20	Protected Gold (700-10000nm)	#25-692	€125,66 Volume Pricing	Contact Us
4.6	5.00	7.10	Protected Gold (700-10000nm)	#65-847	€133,90 Volume Pricing	7 In Stock
5.6	6.25	8.80	Protected Gold (700-10000nm)	#25-693	€133,90 Volume Pricing	Contact Us
9.0	10.00	14.10	Protected Gold (700-10000nm)	#47-237	€150,38 Volume Pricing	14 In Stock
11.2	12.50	17.70	Protected Gold (700-10000nm)	#25-694	€155,53 Volume Pricing	Contact Us
13.5	15.00	21.20	Protected Gold (700-10000nm)	#65-848	€163,77 Volume Pricing	1 In Stock
19.4	20.00	28.30	Protected Gold (700-10000nm)	#65-849	€179,22 Volume Pricing	1 In Stock

24.0	25.00	35.40	Protected Gold (700-10000nm)	#47-238	€192,61 Volume Pricing	6 In Stock
27.0	30.00	42.40	Protected Gold (700-10000nm)	#25-695	€241,02 Volume Pricing	1 In Stock
31.5	35.00	49.50	Protected Gold (700-10000nm)	#25-696	€294,58 Volume Pricing	1 In Stock
36.0	40.00	56.60	Protected Gold (700-10000nm)	#25-697	€337,84 Volume Pricing	2 In Stock
49.0	50.00	70.70	Protected Gold (700-10000nm)	#47-239	€418,18 Volume Pricing	4 In Stock
73.5	75.00	106.10	Protected Gold (700-10000nm)	#47-310	€520,15 Volume Pricing	4 In Stock

[#21-185 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

4.6	5.00	7.10	Protected Silver (450-10000nm)		€123,60 Volume Pricing	1 In Stock
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[#21-186 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

9.0 10.00 14.10

Protected Silver (450-10000nm)

€139,05
[Volume Pricing](#)

Contact Us

[#21-187 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

13.5 15.00 21.20

Protected Silver (450-10000nm)

€103,98

5 In Stock

[#25-703 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

36.0	40.00	56.60	Protected Silver (450-10000nm)		€316,21 Volume Pricing	1 In Stock
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2.7	3.00	4.20	Enhanced Aluminum (250-700nm)	#25-704	€107,12 Volume Pricing	10 In Stock
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4.5	5.00	7.10	Enhanced Aluminum (250-700nm)	#25-705	€115,36 Volume Pricing	Contact Us
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5.6	6.25	8.80	Enhanced Aluminum (250-700nm)	#25-706	€115,36 Volume Pricing	1 In Stock
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9.0	10.00	14.10	Enhanced Aluminum (250-700nm)	#25-707	€130,81 Volume Pricing	Contact Us
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11.2	12.50	17.70	Enhanced Aluminum (250-700nm)	#25-708	€136,99 Volume Pricing	3 In Stock
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13.5	15.00	21.20	Enhanced Aluminum (250-700nm)	#25-709	€144,20 Volume Pricing	1 In Stock
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18.0	20.00	28.30	Enhanced Aluminum (250-700nm)	#25-710	€160,68 Volume Pricing	Contact Us
22.5	25.00	35.40	Enhanced Aluminum (250-700nm)	#25-711	€174,07 Volume Pricing	1 In Stock
27.0	30.00	42.40	Enhanced Aluminum (250-700nm)	#25-712	€214,24 Volume Pricing	5 In Stock
31.5	35.00	49.50	Enhanced Aluminum (250-700nm)	#25-713	€267,80 Volume Pricing	1 In Stock
36.0	40.00	56.60	Enhanced Aluminum (250-700nm)	#25-714	€321,36 Volume Pricing	1 In Stock
45.0	50.00	70.70	Enhanced Aluminum (250-700nm)	#25-715	€385,22 Volume Pricing	1 In Stock
67.5	75.00	106.10	Enhanced Aluminum (250-700nm)	#25-716	€487,19 Volume Pricing	2 In Stock



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 Phone: 1-800-363-1992 :
www.edmundoptics.com