

[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

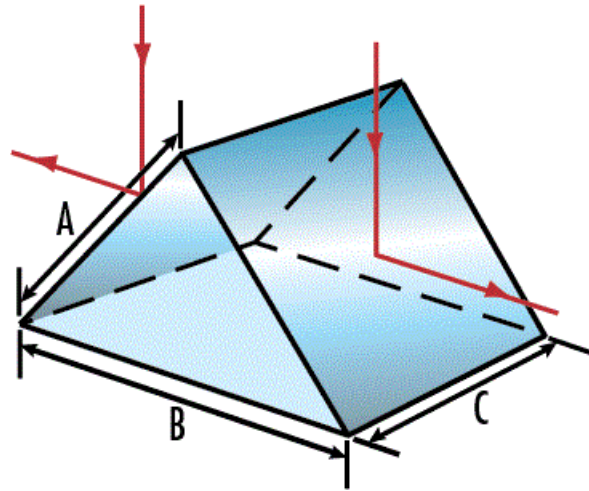
Physical & Mechanical Properties

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	S\$159.60 Volume Pricing	Contact Us
4.6	5.00	7.10	Enhanced Aluminum (450- 650nm)	#49-412	S\$170.80 Volume Pricing	Contact Us
5.6	6.25	8.80	Enhanced Aluminum (450- 650nm)	#25-687	S\$170.80 Volume Pricing	Contact Us
9.0	10.00	14.10	Enhanced Aluminum (450- 650nm)	#47-004	S\$194.60 Volume Pricing	20+ In Stock
11.2	12.50	17.70	Enhanced Aluminum (450- 650nm)	#25-688	S\$203.00 Volume Pricing	2 In Stock
13.5	15.00	21.20	Enhanced Aluminum (450- 650nm)	#49-413	S\$214.20 Volume Pricing	8 In Stock
19.4	20.00	28.30	Enhanced Aluminum (450- 650nm)	#49-414	S\$238.00 Volume Pricing	20+ In Stock
24.4	25.00	35.40	Enhanced Aluminum (450- 650nm)	#47-005	S\$259.00 Volume Pricing	20+ In Stock
27.0	30.00	42.40	Enhanced Aluminum (450- 650nm)	#25-689	S\$317.80 Volume Pricing	Contact Us

31.5	35.00	49.50	Enhanced Aluminum (450-650nm)	#25-690	S\$397.60 Volume Pricing	Contact Us
36.0	40.00	56.60	Enhanced Aluminum (450-650nm)	#25-691	S\$477.40 Volume Pricing	4 In Stock
49.4	50.00	70.70	Enhanced Aluminum (450-650nm)	#47-006	S\$571.20 Volume Pricing	6 In Stock
73.5	75.00	106.10	Enhanced Aluminum (450-650nm)	#47-309	S\$722.40 Volume Pricing	4 In Stock
2.7	3.00	4.20	Protected Gold (700-10000nm)	#25-692	S\$186.20 Volume Pricing	Contact Us
4.6	5.00	7.10	Protected Gold (700-10000nm)	#65-847	S\$198.80 Volume Pricing	2 In Stock
5.6	6.25	8.80	Protected Gold (700-10000nm)	#25-693	S\$212.80 Volume Pricing	Contact Us
9.0	10.00	14.10	Protected Gold (700-10000nm)	#47-237	S\$222.60 Volume Pricing	12 In Stock
11.2	12.50	17.70	Protected Gold (700-10000nm)	#25-694	S\$231.00 Volume Pricing	Contact Us
13.5	15.00	21.20	Protected Gold (700-10000nm)	#65-848	S\$243.60 Volume Pricing	1 In Stock
19.4	20.00	28.30	Protected Gold (700-10000nm)	#65-849	S\$266.00 Volume Pricing	1 In Stock

24.0	25.00	35.40	Protected Gold (700-10000nm)	#47-238	S\$285.60 Volume Pricing	5 In Stock
27.0	30.00	42.40	Protected Gold (700-10000nm)	#25-695	S\$357.00 Volume Pricing	1 In Stock
31.5	35.00	49.50	Protected Gold (700-10000nm)	#25-696	S\$436.80 Volume Pricing	1 In Stock
36.0	40.00	56.60	Protected Gold (700-10000nm)	#25-697	S\$501.20 Volume Pricing	2 In Stock
49.0	50.00	70.70	Protected Gold (700-10000nm)	#47-239	S\$620.20 Volume Pricing	4 In Stock
73.5	75.00	106.10	Protected Gold (700-10000nm)	#47-310	S\$771.40 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)		S\$183.40 Volume Pricing	Contact Us
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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)

S\$205.80
[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)

S\$154.00

5 In Stock

2.7 3.00 4.20

Enhanced Aluminum (250-700nm)

[#25-704](#)

S\$159.60
[Volume Pricing](#)

7 In Stock

4.5	5.00	7.10	Enhanced Aluminum (250-700nm)	#25-705	S\$170.80 Volume Pricing	Contact Us
5.6	6.25	8.80	Enhanced Aluminum (250-700nm)	#25-706	S\$170.80 Volume Pricing	1 In Stock
9.0	10.00	14.10	Enhanced Aluminum (250-700nm)	#25-707	S\$194.60 Volume Pricing	Contact Us
11.2	12.50	17.70	Enhanced Aluminum (250-700nm)	#25-708	S\$203.00 Volume Pricing	3 In Stock
13.5	15.00	21.20	Enhanced Aluminum (250-700nm)	#25-709	S\$214.20 Volume Pricing	1 In Stock
18.0	20.00	28.30	Enhanced Aluminum (250-700nm)	#25-710	S\$238.00 Volume Pricing	Contact Us
22.5	25.00	35.40	Enhanced Aluminum (250-700nm)	#25-711	S\$259.00 Volume Pricing	1 In Stock
27.0	30.00	42.40	Enhanced Aluminum (250-700nm)	#25-712	S\$317.80 Volume Pricing	5 In Stock
31.5	35.00	49.50	Enhanced Aluminum (250-700nm)	#25-713	S\$397.60 Volume Pricing	1 In Stock
36.0	40.00	56.60	Enhanced Aluminum (250-700nm)	#25-714	S\$477.40 Volume Pricing	1 In Stock
45.0	50.00	70.70	Enhanced Aluminum (250-700nm)	#25-715	S\$571.20 Volume Pricing	1 In Stock

67.5	75.00	106.10	Enhanced Aluminum (250-700nm)	#25-716	S\$722.40 Volume Pricing	2 In Stock
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