

[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

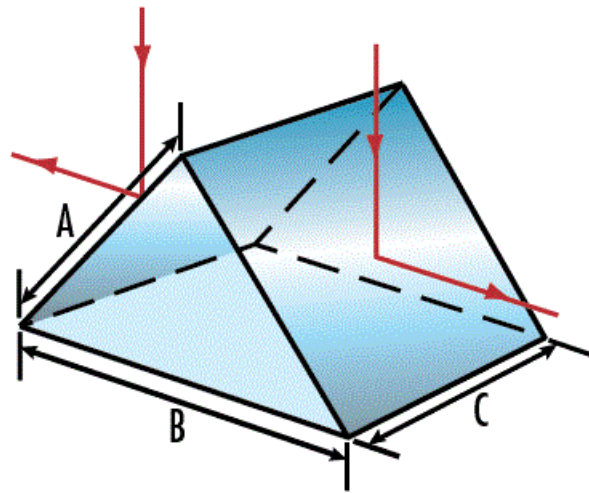
Physical & Mechanical Properties

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	£91.05 Volume Pricing	Contact Us
4.6	5.00	7.10	Enhanced Aluminum (450- 650nm)	#49-412	£98.06 Volume Pricing	5 In Stock
5.6	6.25	8.80	Enhanced Aluminum (450- 650nm)	#25-687	£98.06 Volume Pricing	Contact Us
9.0	10.00	14.10	Enhanced Aluminum (450- 650nm)	#47-004	£111.19 Volume Pricing	20+ In Stock
11.2	12.50	17.70	Enhanced Aluminum (450- 650nm)	#25-688	£116.44 Volume Pricing	3 In Stock
13.5	15.00	21.20	Enhanced Aluminum (450- 650nm)	#49-413	£122.57 Volume Pricing	10 In Stock
19.4	20.00	28.30	Enhanced Aluminum (450- 650nm)	#49-414	£136.58 Volume Pricing	20+ In Stock
24.4	25.00	35.40	Enhanced Aluminum (450- 650nm)	#47-005	£147.96 Volume Pricing	20+ In Stock
27.0	30.00	42.40	Enhanced Aluminum (450- 650nm)	#25-689	£182.10 Volume Pricing	2 In Stock

31.5	35.00	49.50	Enhanced Aluminum (450-650nm)	#25-690	£227.63 Volume Pricing	Contact Us
36.0	40.00	56.60	Enhanced Aluminum (450-650nm)	#25-691	£273.16 Volume Pricing	4 In Stock
49.4	50.00	70.70	Enhanced Aluminum (450-650nm)	#47-006	£327.44 Volume Pricing	5 In Stock
73.5	75.00	106.10	Enhanced Aluminum (450-650nm)	#47-309	£414.11 Volume Pricing	5 In Stock
2.7	3.00	4.20	Protected Gold (700-10000nm)	#25-692	£106.81 Volume Pricing	Contact Us
4.6	5.00	7.10	Protected Gold (700-10000nm)	#65-847	£113.82 Volume Pricing	5 In Stock
5.6	6.25	8.80	Protected Gold (700-10000nm)	#25-693	£113.82 Volume Pricing	4 In Stock
9.0	10.00	14.10	Protected Gold (700-10000nm)	#47-237	£127.82 Volume Pricing	12 In Stock
11.2	12.50	17.70	Protected Gold (700-10000nm)	#25-694	£132.20 Volume Pricing	Contact Us
13.5	15.00	21.20	Protected Gold (700-10000nm)	#65-848	£139.20 Volume Pricing	1 In Stock
19.4	20.00	28.30	Protected Gold (700-10000nm)	#65-849	£152.34 Volume Pricing	1 In Stock

24.0	25.00	35.40	Protected Gold (700-10000nm)	#47-238	£163.72 Volume Pricing	5 In Stock
27.0	30.00	42.40	Protected Gold (700-10000nm)	#25-695	£204.87 Volume Pricing	1 In Stock
31.5	35.00	49.50	Protected Gold (700-10000nm)	#25-696	£250.39 Volume Pricing	1 In Stock
36.0	40.00	56.60	Protected Gold (700-10000nm)	#25-697	£287.16 Volume Pricing	2 In Stock
49.0	50.00	70.70	Protected Gold (700-10000nm)	#47-239	£355.45 Volume Pricing	4 In Stock
73.5	75.00	106.10	Protected Gold (700-10000nm)	#47-310	£442.13 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)		£105.06 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)

£118.19
[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)

£88.38

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)		£268.78 Volume Pricing	1 In Stock
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2.7	3.00	4.20	Enhanced Aluminum (250-700nm)	#25-704	£91.05 Volume Pricing	7 In Stock
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4.5	5.00	7.10	Enhanced Aluminum (250-700nm)	#25-705	£98.06 Volume Pricing	Contact Us
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5.6	6.25	8.80	Enhanced Aluminum (250-700nm)	#25-706	£98.06 Volume Pricing	1 In Stock
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9.0	10.00	14.10	Enhanced Aluminum (250-700nm)	#25-707	£111.19 Volume Pricing	Contact Us
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11.2	12.50	17.70	Enhanced Aluminum (250-700nm)	#25-708	£116.44 Volume Pricing	3 In Stock
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13.5	15.00	21.20	Enhanced Aluminum (250-700nm)	#25-709	£122.57 Volume Pricing	1 In Stock
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18.0	20.00	28.30	Enhanced Aluminum (250-700nm)	#25-710	£136.58 Volume Pricing	Contact Us
22.5	25.00	35.40	Enhanced Aluminum (250-700nm)	#25-711	£147.96 Volume Pricing	1 In Stock
27.0	30.00	42.40	Enhanced Aluminum (250-700nm)	#25-712	£182.10 Volume Pricing	5 In Stock
31.5	35.00	49.50	Enhanced Aluminum (250-700nm)	#25-713	£227.63 Volume Pricing	1 In Stock
36.0	40.00	56.60	Enhanced Aluminum (250-700nm)	#25-714	£273.16 Volume Pricing	1 In Stock
45.0	50.00	70.70	Enhanced Aluminum (250-700nm)	#25-715	£327.44 Volume Pricing	1 In Stock
67.5	75.00	106.10	Enhanced Aluminum (250-700nm)	#25-716	£414.11 Volume Pricing	2 In Stock



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