

[All Products](#) / [Optics](#) / [Prisms](#) / [Right Angle Prisms](#)
TECHSPEC® N-BK7 Right Angle Prisms


- Ray Deviation of 90°
- Left Handed Image
- Available with Aluminized and AR Coated Faces
- Additional [Right Angle Prism](#) Options Available

Common Specifications

Physical & Mechanical Properties

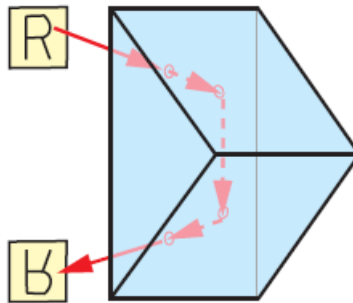
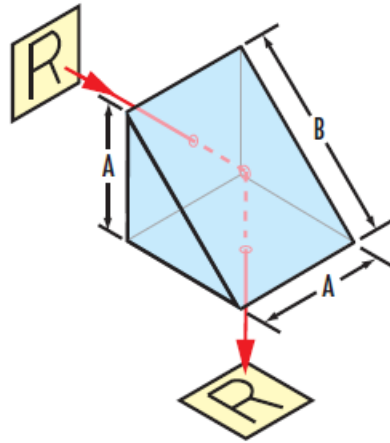
Bevel: Protective as needed

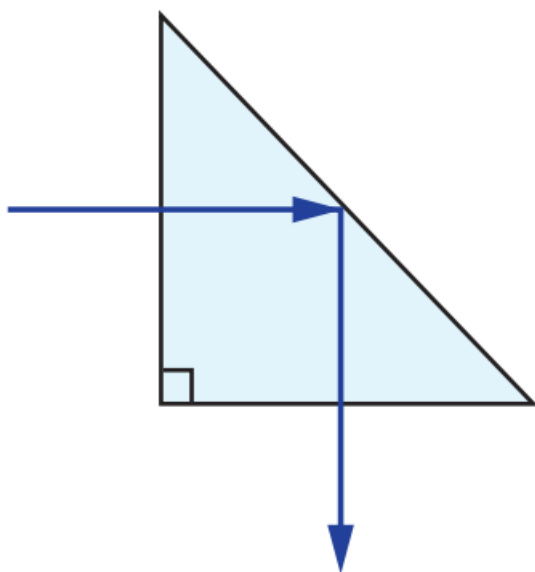
Optical Properties

Substrate: [N-BK7](#)

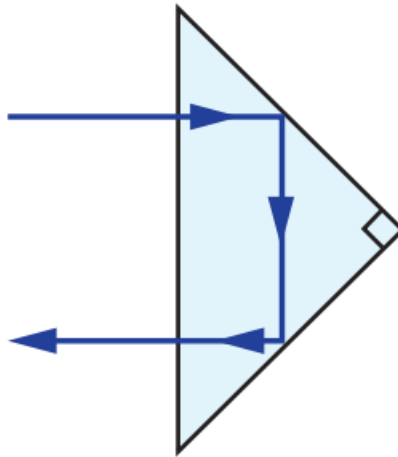
Angle Tolerance (arcmin):	±2	Image Orientation:	Left-Handed
Ray Deviation (°):	90	Power (fringes) @ 632.8nm:	1.25
Irregularity (fringes) @ 632.8nm:	0.50		

Technical Information

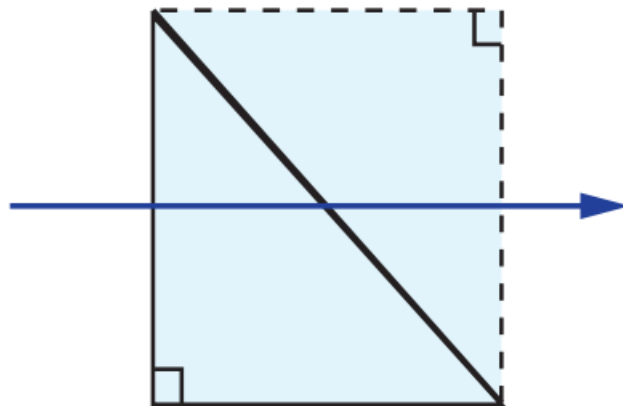




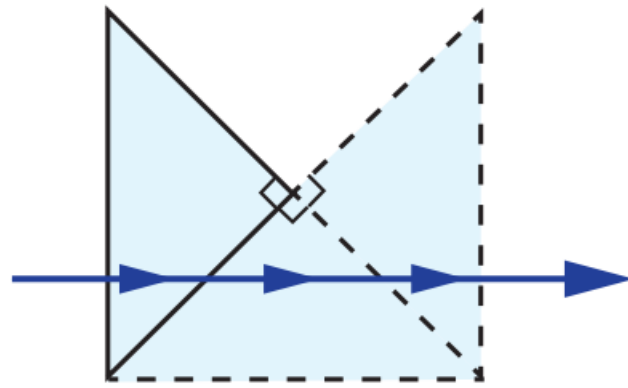
Right Angle Prism Ray Path



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
0.18	0.30	Uncoated	#66-767	A\$212.59 Volume Pricing	20+ In Stock
0.18	0.30	Aluminum with protective overcoat	#66-768	A\$230.72 Volume Pricing	4 In Stock
0.30	0.40	Aluminum with protective overcoat	#66-770	A\$194.46 Volume Pricing	20+ In Stock
0.50	0.70	Uncoated	#45-946	A\$169.74 Volume Pricing	9 In Stock
0.50	0.70	Aluminum with protective overcoat	#66-771	A\$186.22 Volume Pricing	20+ In Stock
0.70	1.00	Uncoated	#66-772	A\$169.74 Volume Pricing	20+ In Stock
0.70	1.00	Aluminum with protective overcoat	#66-773	A\$186.22 Volume Pricing	20+ In Stock
1.00	1.40	Uncoated	#45-947	A\$136.78 Volume Pricing	20+ In Stock
1.00	1.40	Aluminum with protective overcoat	#86-621	A\$150.79 Volume Pricing	15 In Stock
2.00	2.80	Uncoated	#32-525	A\$144.20 Volume Pricing	20+ In Stock
2.00	2.80	Aluminum with protective overcoat	#32-526	A\$163.15 Volume Pricing	20+ In Stock
2.00	2.80	MgF ₂ & Aluminized	#45-385	A\$176.34 Volume Pricing	20+ In Stock
3.00	4.20	Uncoated	#45-948	A\$107.94 Volume Pricing	20+ In Stock
3.00	4.20	Aluminum with protective overcoat	#47-920	A\$126.90 Volume Pricing	10 In Stock
3.00	4.20	MgF ₂ & Aluminized	#47-921	A\$140.90 Volume Pricing	20+ In Stock
5.00	7.10	Uncoated	#32-328	A\$78.69 Volume Pricing	20+ In Stock

5.00	7.10	Aluminum with protective overcoat	#32-329	A\$98.06 Volume Pricing	20+ In Stock
5.00	7.10	MgF ₂ & Aluminized	#45-386	A\$107.94 Volume Pricing	20+ In Stock
5.00	7.10	VIS 0° & Aluminized	#48-546	A\$130.19 Volume Pricing	20+ In Stock
5.00	7.10	Silver Overcoated with Inconel & Black Paint	#26-744	A\$115.36 Volume Pricing	8 In Stock
6.25	8.80	Uncoated	#45-106	A\$82.40 Volume Pricing	20+ In Stock
6.25	8.80	Aluminum with protective overcoat	#45-107	A\$101.35 Volume Pricing	Contact Us
6.25	8.80	MgF ₂ & Aluminized	#45-387	A\$114.54 Volume Pricing	20+ In Stock
6.25	8.80	VIS 0° & Aluminized	#48-547	A\$131.84 Volume Pricing	20+ In Stock
6.25	8.80	Silver Overcoated with Inconel & Black Paint	#26-745	A\$120.30 Volume Pricing	11 In Stock
10.00	14.10	Uncoated	#32-330	A\$85.70 Volume Pricing	9 In Stock
10.00	14.10	Aluminum with protective overcoat	#32-331	A\$104.65 Volume Pricing	20+ In Stock
10.00	14.10	MgF ₂ & Aluminized	#45-388	A\$118.66 Volume Pricing	1 In Stock
10.00	14.10	VIS 0° & Aluminized	#48-548	A\$133.49 Volume Pricing	20+ In Stock
10.00	14.10	Silver Overcoated with Inconel & Black Paint	#26-746	A\$124.42 Volume Pricing	6 In Stock
12.50	17.70	Uncoated	#45-108	A\$93.94 Volume Pricing	20+ In Stock
12.50	17.70	Aluminum with protective overcoat	#45-109	A\$114.54 Volume Pricing	6 In Stock
12.50	17.70	MgF ₂ & Aluminized	#45-389	A\$123.60 Volume Pricing	20+ In Stock
12.50	17.70	VIS 0° & Aluminized	#48-549	A\$138.43 Volume Pricing	20+ In Stock

12.50	17.70	Silver Overcoated with Inconel & Black Paint	#26-747	A\$132.66 Volume Pricing	9 In Stock
15.00	21.20	Uncoated	#32-332	A\$104.65 Volume Pricing	20+ In Stock
15.00	21.20	Aluminum with protective overcoat	#32-333	A\$121.95 Volume Pricing	20+ In Stock
15.00	21.20	MgF ₂ & Aluminized	#45-390	A\$133.49 Volume Pricing	20+ In Stock
15.00	21.20	VIS 0° & Aluminized	#48-550	A\$149.14 Volume Pricing	15 In Stock
15.00	21.20	Silver Overcoated with Inconel & Black Paint	#26-748	A\$136.78 Volume Pricing	14 In Stock
20.00	28.30	Uncoated	#32-334	A\$107.94 Volume Pricing	20+ In Stock
20.00	28.30	Aluminum with protective overcoat	#32-335	A\$126.90 Volume Pricing	20+ In Stock
20.00	28.30	MgF ₂ & Aluminized	#45-391	A\$140.90 Volume Pricing	3 In Stock
20.00	28.30	VIS 0° & Aluminized	#48-551	A\$152.44 Volume Pricing	20+ In Stock
20.00	28.30	Silver Overcoated with Inconel & Black Paint	#26-749	A\$143.38 Volume Pricing	7 In Stock
25.00	35.40	Uncoated	#32-336	A\$120.30 Volume Pricing	20+ In Stock
25.00	35.40	Aluminum with protective overcoat	#32-337	A\$133.49 Volume Pricing	20+ In Stock
25.00	35.40	MgF ₂ & Aluminized	#45-392	A\$147.50 Volume Pricing	Contact Us
25.00	35.40	VIS 0° & Aluminized	#48-552	A\$164.80 Volume Pricing	20+ In Stock
25.00	35.40	Silver Overcoated with Inconel & Black Paint	#26-750	A\$154.09 Volume Pricing	16 In Stock
30.00	42.40	Uncoated	#32-527	A\$163.15 Volume Pricing	20+ In Stock
30.00	42.40	Aluminum with protective overcoat	#32-528	A\$179.63 Volume Pricing	2 In Stock

30.00	42.40	MgF ₂ & Aluminized	#45-393	A\$189.52 Volume Pricing	20+ In Stock
30.00	42.40	VIS 0° & Aluminized	#48-553	A\$207.65 Volume Pricing	20+ In Stock
30.00	42.40	Silver Overcoated with Inconel & Black Paint	#26-751	A\$192.82 Volume Pricing	20+ In Stock
35.00	49.50	Uncoated	#32-529	A\$219.18 Volume Pricing	20+ In Stock
35.00	49.50	Aluminum with protective overcoat	#32-530	A\$238.96 Volume Pricing	20+ In Stock
35.00	49.50	MgF ₂ & Aluminized	#45-394	A\$247.20 Volume Pricing	4 In Stock
35.00	49.50	VIS 0° & Aluminized	#48-554	A\$265.33 Volume Pricing	20+ In Stock
35.00	49.50	Silver Overcoated with Inconel & Black Paint	#26-752	A\$263.68 Volume Pricing	20+ In Stock
40.00	56.60	Uncoated	#32-531	A\$262.03 Volume Pricing	20+ In Stock
40.00	56.60	Aluminum with protective overcoat	#32-532	A\$281.81 Volume Pricing	14 In Stock
40.00	56.60	MgF ₂ & Aluminized	#45-395	A\$291.70 Volume Pricing	17 In Stock
40.00	56.60	VIS 0° & Aluminized	#48-555	A\$316.42 Volume Pricing	13 In Stock
45.00	63.60	Uncoated	#32-533	A\$294.99 Volume Pricing	20+ In Stock
45.00	63.60	Aluminum with protective overcoat	#32-534	A\$316.42 Volume Pricing	9 In Stock
45.00	63.60	MgF ₂ & Aluminized	#45-396	A\$329.60 Volume Pricing	9 In Stock
45.00	63.60	VIS 0° & Aluminized	#48-556	A\$354.32 Volume Pricing	20+ In Stock
50.00	70.70	Uncoated	#32-535	A\$367.50 Volume Pricing	20+ In Stock
50.00	70.70	Aluminum with protective overcoat	#32-536	A\$385.63 Volume Pricing	20+ In Stock
50.00	70.70	MgF ₂ & Aluminized	#45-397	A\$395.52 Volume Pricing	20+ In Stock

50.00	70.70	VIS 0° & Aluminized	#48-557	A\$421.89 Volume Pricing	11 In Stock
50.00	70.70	Silver Overcoated with Inconel & Black Paint	#26-753	A\$403.76 Volume Pricing	20+ In Stock
75.00	106.10	Uncoated	#47-232	A\$443.31 Volume Pricing	20+ In Stock
75.00	106.10	Aluminum with protective overcoat	#47-233	A\$461.44 Volume Pricing	6 In Stock
75.00	106.10	MgF ₂ & Aluminized	#47-234	A\$461.44 Volume Pricing	20+ In Stock



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