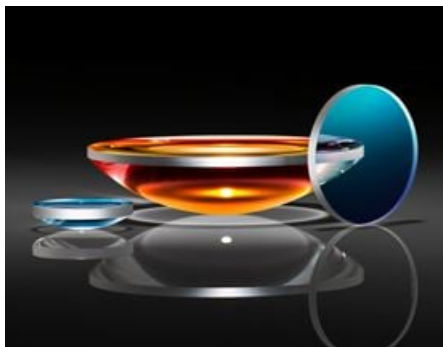


[All Products](#) / [Optics](#) / [Optical Lenses](#) / [Plano-Convex \(PCX\) Lenses](#) / [Fused Silica Plano-Convex \(PCX\) Lenses](#)

TECHSPEC®

UV Fused Silica Plano-Convex (PCX) Lenses - NIR I Coated



- AR Coated to Provide <0.5% Reflection per Surface for 600 - 1050nm
- Precision Fused Silica Substrate
- Various Coating Options: [Uncoated](#), [MgF₂](#), [UV-AR](#), [UV-VIS](#), [VIS-EXT](#), [VIS-NIR](#), [VIS 0°](#), [YAG-BBAR](#), and [NIR II](#)

Common Specifications

Physical & Mechanical Properties

Bevel: Protective as needed

Optical Properties

Coating: NIR I (600-1050nm)

Substrate: [Fused Silica](#) (Corning 7980)

Surface Quality: 40-20

Power (P-V) @ 632.8nm: 3 Rings

Irregularity (P-V) @ 632.8nm: 0.5 Rings

Focal Length Tolerance (%): ± 1

Wavelength Range (nm): 600 - 1050

Technical Information

Products

Dia. (mm)	EFL (mm)	BFL (mm)	Coating	Substrate	Stock Number	Price	Buy
5.00	10.00	8.63	NIR I (600-1050nm)	Fused Silica	#18-255	A\$224.13 Volume Pricing	8 In Stock
5.00	15.00	13.83	NIR I (600-1050nm)	Fused Silica	#18-260	A\$210.94 Volume Pricing	3 In Stock
5.00	25.00	23.97	NIR I (600-1050nm)	Fused Silica	#18-270	A\$210.94 Volume Pricing	1 In Stock
6.00	9.00	7.29	NIR I (600-1050nm)	Fused Silica	#18-010	A\$227.42 Volume Pricing	20+ In Stock
6.00	12.00	10.63	NIR I (600-1050nm)	Fused Silica	#18-015	A\$227.42 Volume Pricing	3 In Stock
6.00	15.00	13.63	NIR I (600-1050nm)	Fused Silica	#18-115	A\$219.18 Volume Pricing	11 In Stock
6.00	18.00	16.62	NIR I (600-1050nm)	Fused Silica	#18-020	A\$219.18 Volume Pricing	5 In Stock
6.00	24.00	22.63	NIR I (600-1050nm)	Fused Silica	#26-330	A\$219.18 Volume Pricing	10 In Stock
9.00	12.00	9.26	NIR I (600-1050nm)	Fused Silica	#18-125	A\$232.37 Volume Pricing	3 In Stock
9.00	13.50	11.44	NIR I (600-1050nm)	Fused Silica	#18-025	A\$232.37 Volume Pricing	8 In Stock
9.00	18.00	15.94	NIR I (600-1050nm)	Fused Silica	#18-030	A\$232.37 Volume Pricing	1 In Stock
9.00	22.00	19.94	NIR I (600-1050nm)	Fused Silica	#17-960	A\$224.13 Volume Pricing	3 In Stock
9.00	27.00	25.63	NIR I (600-1050nm)	Fused Silica	#18-035	A\$224.13 Volume Pricing	5 In Stock
9.00	36.00	34.63	NIR I (600-1050nm)	Fused Silica	#26-331	A\$224.13 Volume Pricing	10 In Stock
10.00	20.00	17.94	NIR I (600-1050nm)	Fused Silica	#17-965	A\$235.66 Volume Pricing	6 In Stock
10.00	25.00	22.94	NIR I (600-1050nm)	Fused Silica	#26-332	A\$235.66 Volume Pricing	9 In Stock

12.00	18.00	15.26	NIR I (600-1050nm)	Fused Silica	#18-135	A\$240.61 Volume Pricing	Contact Us
12.00	25.00	22.31	NIR I (600-1050nm)	Fused Silica	#18-040	A\$240.61 Volume Pricing	1 In Stock
12.00	30.00	27.56	NIR I (600-1050nm)	Fused Silica	#18-045	A\$232.37 Volume Pricing	6 In Stock
12.00	36.00	34.29	NIR I (600-1050nm)	Fused Silica	#18-140	A\$232.37 Volume Pricing	1 In Stock
12.00	40.00	37.85	NIR I (600-1050nm)	Fused Silica	#18-050	A\$232.37 Volume Pricing	1 In Stock
12.00	50.00	48.01	NIR I (600-1050nm)	Fused Silica	#18-055	A\$219.18 Volume Pricing	2 In Stock
12.00	72.00	70.29	NIR I (600-1050nm)	Fused Silica	#17-975	A\$219.18 Volume Pricing	11 In Stock
12.00	100.00	98.33	NIR I (600-1050nm)	Fused Silica	#18-060	A\$219.18 Volume Pricing	6 In Stock
15.00	25.00	22.09	NIR I (600-1050nm)	Fused Silica	#26-335	A\$252.14 Volume Pricing	13 In Stock
15.00	30.00	27.53	NIR I (600-1050nm)	Fused Silica	#18-210	A\$252.14 Volume Pricing	1 In Stock
15.00	45.00	42.94	NIR I (600-1050nm)	Fused Silica	#18-215	A\$243.90 Volume Pricing	5 In Stock
15.00	60.00	57.94	NIR I (600-1050nm)	Fused Silica	#18-220	A\$243.90 Volume Pricing	1 In Stock
15.00	75.00	72.94	NIR I (600-1050nm)	Fused Silica	#26-336	A\$243.90 Volume Pricing	5 In Stock
18.00	27.00	23.23	NIR I (600-1050nm)	Fused Silica	#17-985	A\$252.14 Volume Pricing	5 In Stock
18.00	36.00	32.92	NIR I (600-1050nm)	Fused Silica	#26-071	A\$252.14 Volume Pricing	5 In Stock
20.00	30.00	25.88	NIR I (600-1050nm)	Fused Silica	#18-150	A\$260.38 Volume Pricing	11 In Stock
20.00	40.00	36.92	NIR I (600-1050nm)	Fused Silica	#18-160	A\$260.38 Volume Pricing	1 In Stock
20.00	50.00	47.25	NIR I (600-1050nm)	Fused Silica	#18-165	A\$252.14 Volume Pricing	12 In Stock
20.00	60.00	57.60	NIR I (600-1050nm)	Fused Silica	#18-170	A\$252.14 Volume Pricing	12 In Stock

20.00	80.00	77.95	NIR I (600-1050nm)	Fused Silica	#18-175	A\$252.14 Volume Pricing	13 In Stock
25.00	35.00	29.17	NIR I (600-1050nm)	Fused Silica	#26-072	A\$265.33 Volume Pricing	14 In Stock
25.00	38.00	33.03	NIR I (600-1050nm)	Fused Silica	#18-065	A\$265.33 Volume Pricing	5 In Stock
25.00	40.00	34.86	NIR I (600-1050nm)	Fused Silica	#18-005	A\$265.33 Volume Pricing	2 In Stock
25.00	50.00	46.00	NIR I (600-1050nm)	Fused Silica	#18-070	A\$265.33 Volume Pricing	11 In Stock
25.00	60.00	56.92	NIR I (600-1050nm)	Fused Silica	#18-145	A\$257.09 Volume Pricing	7 In Stock
25.00	75.00	71.96	NIR I (600-1050nm)	Fused Silica	#18-075	A\$257.09 Volume Pricing	5 In Stock
25.00	100.00	97.40	NIR I (600-1050nm)	Fused Silica	#18-080	A\$257.09 Volume Pricing	4 In Stock
25.00	125.00	122.65	NIR I (600-1050nm)	Fused Silica	#18-085	A\$243.90 Volume Pricing	12 In Stock
25.00	150.00	147.82	NIR I (600-1050nm)	Fused Silica	#18-090	A\$243.90 Volume Pricing	6 In Stock
25.00	175.00	172.94	NIR I (600-1050nm)	Fused Silica	#18-095	A\$243.90 Volume Pricing	4 In Stock
25.00	200.00	198.02	NIR I (600-1050nm)	Fused Silica	#18-100	A\$243.90 Volume Pricing	5 In Stock
25.00	250.00	248.14	NIR I (600-1050nm)	Fused Silica	#18-105	A\$243.90 Volume Pricing	3 In Stock
25.00	400.00	398.33	NIR I (600-1050nm)	Fused Silica	#18-110	A\$243.90 Volume Pricing	5 In Stock
30.00	50.00	45.2	NIR I (600-1050nm)	Fused Silica	#18-230	A\$319.71 Volume Pricing	7 In Stock
30.00	90.00	86.57	NIR I (600-1050nm)	Fused Silica	#18-240	A\$311.47 Volume Pricing	14 In Stock
30.00	120.00	116.57	NIR I (600-1050nm)	Fused Silica	#18-245	A\$311.47 Volume Pricing	9 In Stock
30.00	150.00	146.57	NIR I (600-1050nm)	Fused Silica	#18-250	A\$303.23 Volume Pricing	9 In Stock
50.00	75.00	66.43	NIR I (600-1050nm)	Fused Silica	#18-180	A\$500.99 Volume Pricing	1 In Stock

50.00	100.00	93.84	NIR I (600-1050nm)	Fused Silica	#18-185	A\$500.99 Volume Pricing	6 In Stock
50.00	150.00	145.20	NIR I (600-1050nm)	Fused Silica	#18-190	A\$492.75 Volume Pricing	3 In Stock
50.00	200.00	195.19	NIR I (600-1050nm)	Fused Silica	#18-195	A\$492.75 Volume Pricing	2 In Stock
50.00	250.00	245.21	NIR I (600-1050nm)	Fused Silica	#18-200	A\$492.75 Volume Pricing	2 In Stock



Copyright 2024, Edmund Optics Singapore Pte. Ltd, 18 Woodlands Loop #04-00, Singapore 738100

[PRIVACY POLICY](#) [COOKIE POLICY](#) [TERMS & CONDITIONS](#)

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