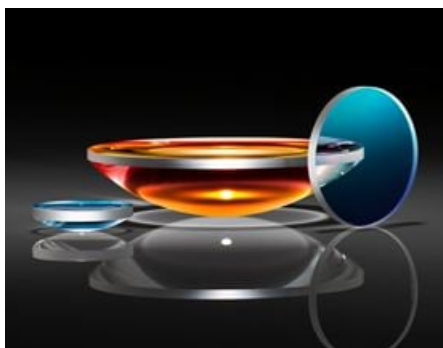


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TECHSPEC®

UV Fused Silica Plano-Convex (PCX) Lenses - VIS-EXT Coated



- AR Coated to Provide <0.5% Reflection per Surface for 350 - 700nm
- Precision Fused Silica Substrate
- Various Coating Options: [Uncoated](#), [MgF₂](#), [UV-AR](#), [UV-VIS](#), [VIS-NIR](#), [VIS 0°](#), [YAG-BBAR](#), [NIR I](#), and [NIR II](#)

Common Specifications

Physical & Mechanical Properties

Bevel: Protective as needed

Optical Properties

Coating: VIS-EXT (350-700nm)

Coating Specification:	$R_{avg} < 0.5\% @ 350 - 700nm$	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):	350 - 700	Damage Threshold, By Design:	5 J/cm ² @ 532nm, 10ns

Technical Information

Products

Dia. (mm)	EFL (mm)	BFL (mm)	Coating	Substrate	Stock Number	Price	Buy
5.00	10.00	8.63	VIS-EXT (350-700nm)	Fused Silica	#18-257	£120.82 Volume Pricing	5 In Stock
5.00	15.00	13.83	VIS-EXT (350-700nm)	Fused Silica	#18-262	£114.69 Volume Pricing	3 In Stock
5.00	25.00	23.97	VIS-EXT (350-700nm)	Fused Silica	#18-272	£114.69 Volume Pricing	3 In Stock
6.00	9.00	7.29	VIS-EXT (350-700nm)	Fused Silica	#18-012	£123.45 Volume Pricing	2 In Stock
6.00	12.00	10.63	VIS-EXT (350-700nm)	Fused Silica	#18-017	£123.45 Volume Pricing	6 In Stock
6.00	15.00	13.63	VIS-EXT (350-700nm)	Fused Silica	#18-117	£119.07 Volume Pricing	2 In Stock
6.00	18.00	16.62	VIS-EXT (350-700nm)	Fused Silica	#18-022	£119.07 Volume Pricing	3 In Stock
6.00	24.00	22.63	VIS-EXT (350-700nm)	Fused Silica	#26-319	£119.07 Volume Pricing	4 In Stock
9.00	12.00	9.26	VIS-EXT (350-700nm)	Fused Silica	#18-127	£125.20 Volume Pricing	5 In Stock
9.00	13.50	11.44	VIS-EXT (350-700nm)	Fused Silica	#18-027	£125.20 Volume Pricing	7 In Stock
9.00	18.00	15.94	VIS-EXT (350-700nm)	Fused Silica	#18-032	£125.20 Volume Pricing	11 In Stock
9.00	22.00	19.94	VIS-EXT (350-700nm)	Fused Silica	#17-962	£120.82 Volume Pricing	4 In Stock

9.00	27.00	25.63	VIS-EXT (350-700nm)	Fused Silica	#18-037	£120.82 Volume Pricing	1 In Stock
9.00	36.00	34.63	VIS-EXT (350-700nm)	Fused Silica	#26-320	£120.82 Volume Pricing	10 In Stock
10.00	20.00	17.94	VIS-EXT (350-700nm)	Fused Silica	#17-967	£127.82 Volume Pricing	4 In Stock
10.00	25.00	22.94	VIS-EXT (350-700nm)	Fused Silica	#26-321	£127.82 Volume Pricing	5 In Stock
12.00	18.00	15.26	VIS-EXT (350-700nm)	Fused Silica	#18-137	£129.57 Volume Pricing	5 In Stock
12.00	25.00	22.31	VIS-EXT (350-700nm)	Fused Silica	#18-042	£129.57 Volume Pricing	5 In Stock
12.00	30.00	27.56	VIS-EXT (350-700nm)	Fused Silica	#18-047	£125.20 Volume Pricing	5 In Stock
12.00	36.00	34.29	VIS-EXT (350-700nm)	Fused Silica	#18-142	£125.20 Volume Pricing	1 In Stock
12.00	40.00	37.85	VIS-EXT (350-700nm)	Fused Silica	#18-052	£125.20 Volume Pricing	9 In Stock
12.00	50.00	48.01	VIS-EXT (350-700nm)	Fused Silica	#18-057	£119.07 Volume Pricing	13 In Stock
12.00	72.00	70.29	VIS-EXT (350-700nm)	Fused Silica	#17-977	£119.07 Volume Pricing	10 In Stock
12.00	100.00	98.33	VIS-EXT (350-700nm)	Fused Silica	#18-062	£119.07 Volume Pricing	20+ In Stock
15.00	25.00	22.09	VIS-EXT (350-700nm)	Fused Silica	#26-324	£136.58 Volume Pricing	3 In Stock
15.00	30.00	27.53	VIS-EXT (350-700nm)	Fused Silica	#18-212	£136.58 Volume Pricing	8 In Stock

15.00	45.00	42.94	VIS-EXT (350-700nm)	Fused Silica	#18-217	£132.20 Volume Pricing	2 In Stock
15.00	60.00	57.94	VIS-EXT (350-700nm)	Fused Silica	#18-222	£132.20 Volume Pricing	8 In Stock
15.00	75.00	72.94	VIS-EXT (350-700nm)	Fused Silica	#26-325	£132.20 Volume Pricing	5 In Stock
18.00	27.00	23.23	VIS-EXT (350-700nm)	Fused Silica	#17-987	£136.58 Volume Pricing	3 In Stock
18.00	36.00	32.92	VIS-EXT (350-700nm)	Fused Silica	#26-326	£136.58 Volume Pricing	5 In Stock
20.00	30.00	25.88	VIS-EXT (350-700nm)	Fused Silica	#18-152	£140.96 Volume Pricing	6 In Stock
20.00	40.00	36.92	VIS-EXT (350-700nm)	Fused Silica	#18-162	£140.96 Volume Pricing	7 In Stock
20.00	50.00	47.25	VIS-EXT (350-700nm)	Fused Silica	#18-167	£136.58 Volume Pricing	2 In Stock
20.00	60.00	57.60	VIS-EXT (350-700nm)	Fused Silica	#18-172	£136.58 Volume Pricing	3 In Stock
20.00	80.00	77.95	VIS-EXT (350-700nm)	Fused Silica	#18-177	£136.58 Volume Pricing	3 In Stock
25.00	35.00	29.17	VIS-EXT (350-700nm)	Fused Silica	#26-327	£142.71 Volume Pricing	1 In Stock
25.00	38.00	33.03	VIS-EXT (350-700nm)	Fused Silica	#18-067	£142.71 Volume Pricing	7 In Stock
25.00	40.00	34.86	VIS-EXT (350-700nm)	Fused Silica	#18-007	£142.71 Volume Pricing	13 In Stock
25.00	50.00	46.00	VIS-EXT (350-700nm)	Fused Silica	#18-072	£142.71 Volume Pricing	3 In Stock

25.00	60.00	56.92	VIS-EXT (350-700nm)	Fused Silica	#18-147	£138.33 Volume Pricing	8 In Stock
25.00	75.00	71.96	VIS-EXT (350-700nm)	Fused Silica	#18-077	£138.33 Volume Pricing	5 In Stock
25.00	100.00	97.40	VIS-EXT (350-700nm)	Fused Silica	#18-082	£138.33 Volume Pricing	12 In Stock
25.00	125.00	122.65	VIS-EXT (350-700nm)	Fused Silica	#18-087	£132.20 Volume Pricing	7 In Stock
25.00	150.00	147.82	VIS-EXT (350-700nm)	Fused Silica	#18-092	£132.20 Volume Pricing	9 In Stock
25.00	175.00	172.94	VIS-EXT (350-700nm)	Fused Silica	#18-097	£132.20 Volume Pricing	5 In Stock
25.00	200.00	198.02	VIS-EXT (350-700nm)	Fused Silica	#18-102	£132.20 Volume Pricing	8 In Stock
25.00	250.00	248.14	VIS-EXT (350-700nm)	Fused Silica	#18-107	£132.20 Volume Pricing	16 In Stock
25.00	400.00	398.33	VIS-EXT (350-700nm)	Fused Silica	#18-112	£132.20 Volume Pricing	16 In Stock
30.00	50.00	45.2	VIS-EXT (350-700nm)	Fused Silica	#18-232	£172.47 Volume Pricing	6 In Stock
30.00	90.00	86.57	VIS-EXT (350-700nm)	Fused Silica	#18-242	£168.10 Volume Pricing	6 In Stock
30.00	120.00	116.57	VIS-EXT (350-700nm)	Fused Silica	#18-247	£168.10 Volume Pricing	2 In Stock
30.00	150.00	146.57	VIS-EXT (350-700nm)	Fused Silica	#18-252	£163.72 Volume Pricing	Contact Us
50.00	75.00	66.43	VIS-EXT (350-700nm)	Fused Silica	#18-182	£270.53 Volume Pricing	1 In Stock

50.00	100.00	93.84	VIS-EXT (350-700nm)	Fused Silica	#18-187	£270.53 Volume Pricing	5 In Stock
50.00	150.00	145.20	VIS-EXT (350-700nm)	Fused Silica	#18-192	£266.15 Volume Pricing	Contact Us
50.00	200.00	195.19	VIS-EXT (350-700nm)	Fused Silica	#18-197	£266.15 Volume Pricing	1 In Stock
50.00	250.00	245.21	VIS-EXT (350-700nm)	Fused Silica	#18-202	£266.15 Volume Pricing	5 In Stock



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 Phone: 1-800-363-1992 :
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