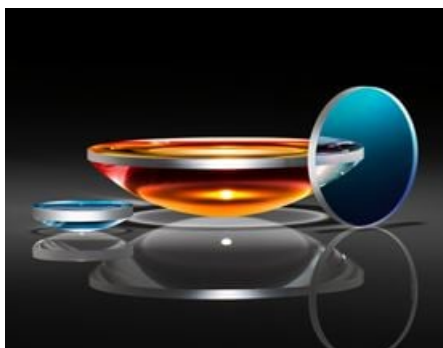


[All Products](#) / [Optics](#) / [Optical Lenses](#) / [Plano-Convex \(PCX\) Lenses](#) / [Fused Silica Plano-Convex \(PCX\) Lenses](#)

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 bevel 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	€138,00 Qty 6+ €110,00	3-4 days
5.00	15.00	13.83	VIS-EXT (350-700nm)	Fused Silica	#18-262	€131,00 Qty 6+ €105,00	3-4 days
5.00	25.00	23.97	VIS-EXT (350-700nm)	Fused Silica	#18-272	€131,00 Qty 6+ €105,00	3-4 days
6.00	9.00	7.29	VIS-EXT (350-700nm)	Fused Silica	#18-012	€141,00 Qty 6+ €113,00	3-4 days
6.00	12.00	10.63	VIS-EXT (350-700nm)	Fused Silica	#18-017	€141,00 Qty 6+ €113,00	3-4 days
6.00	15.00	13.63	VIS-EXT (350-700nm)	Fused Silica	#18-117	€136,00 Qty 6+ €109,00	3-4 days
6.00	18.00	16.62	VIS-EXT (350-700nm)	Fused Silica	#18-022	€136,00 Qty 6+ €109,00	3-4 days
6.00	24.00	22.63	VIS-EXT (350-700nm)	Fused Silica	#26-319	€136,00 Qty 6+ €109,00	3-4 days
9.00	12.00	9.26	VIS-EXT (350-700nm)	Fused Silica	#18-127	€143,00 Qty 6+ €114,00	3-4 days
9.00	13.50	11.44	VIS-EXT (350-700nm)	Fused Silica	#18-027	€143,00 Qty 6+ €114,00	3-4 days
9.00	18.00	15.94	VIS-EXT (350-700nm)	Fused Silica	#18-032	€143,00 Qty 6+ €114,00	3-4 days
9.00	22.00	19.94	VIS-EXT (350-700nm)	Fused Silica	#17-962	€138,00 Qty 6+ €110,00	3-4 days

9.00	27.00	25.63	VIS-EXT (350-700nm)	Fused Silica	#18-037	€138,00 Qty 6+ €110,00	3-4 days
9.00	36.00	34.63	VIS-EXT (350-700nm)	Fused Silica	#26-320	€138,00 Qty 6+ €110,00	3-4 days
10.00	20.00	17.94	VIS-EXT (350-700nm)	Fused Silica	#17-967	€146,00 Qty 6+ €117,00	3-4 days
10.00	25.00	22.94	VIS-EXT (350-700nm)	Fused Silica	#26-321	€146,00 Qty 6+ €117,00	3-4 days
12.00	18.00	15.26	VIS-EXT (350-700nm)	Fused Silica	#18-137	€148,00 Qty 6+ €118,00	3-4 days
12.00	25.00	22.31	VIS-EXT (350-700nm)	Fused Silica	#18-042	€148,00 Qty 6+ €118,00	3-4 days
12.00	30.00	27.56	VIS-EXT (350-700nm)	Fused Silica	#18-047	€143,00 Qty 6+ €114,00	3-4 days
12.00	36.00	34.29	VIS-EXT (350-700nm)	Fused Silica	#18-142	€143,00 Qty 6+ €114,00	3-4 days
12.00	40.00	37.85	VIS-EXT (350-700nm)	Fused Silica	#18-052	€143,00 Qty 6+ €114,00	3-4 days
12.00	50.00	48.01	VIS-EXT (350-700nm)	Fused Silica	#18-057	€136,00 Qty 6+ €109,00	3-4 days
12.00	72.00	70.29	VIS-EXT (350-700nm)	Fused Silica	#17-977	€136,00 Qty 6+ €109,00	3-4 days
12.00	100.00	98.33	VIS-EXT (350-700nm)	Fused Silica	#18-062	€136,00 Qty 6+ €109,00	Contact Us
15.00	25.00	22.09	VIS-EXT (350-700nm)	Fused Silica	#26-324	€156,00 Qty 6+ €125,00	3-4 days
15.00	30.00	27.53	VIS-EXT (350-700nm)	Fused Silica	#18-212	€156,00 Qty 6+ €125,00	3-4 days

15.00	45.00	42.94	VIS-EXT (350-700nm)	Fused Silica	#18-217	€151,00 Qty 6+ €121,00	3-4 days
15.00	60.00	57.94	VIS-EXT (350-700nm)	Fused Silica	#18-222	€151,00 Qty 6+ €121,00	3-4 days
15.00	75.00	72.94	VIS-EXT (350-700nm)	Fused Silica	#26-325	€151,00 Qty 6+ €121,00	3-4 days
18.00	27.00	23.23	VIS-EXT (350-700nm)	Fused Silica	#17-987	€156,00 Qty 6+ €125,00	3-4 days
18.00	36.00	32.92	VIS-EXT (350-700nm)	Fused Silica	#26-326	€156,00 Qty 6+ €125,00	3-4 days
20.00	30.00	25.88	VIS-EXT (350-700nm)	Fused Silica	#18-152	€161,00 Qty 6+ €129,00	3-4 days
20.00	40.00	36.92	VIS-EXT (350-700nm)	Fused Silica	#18-162	€161,00 Qty 6+ €129,00	3-4 days
20.00	50.00	47.25	VIS-EXT (350-700nm)	Fused Silica	#18-167	€156,00 Qty 6+ €125,00	3-4 days
20.00	60.00	57.60	VIS-EXT (350-700nm)	Fused Silica	#18-172	€156,00 Qty 6+ €125,00	3-4 days
20.00	80.00	77.95	VIS-EXT (350-700nm)	Fused Silica	#18-177	€156,00 Qty 6+ €125,00	3-4 days
25.00	35.00	29.17	VIS-EXT (350-700nm)	Fused Silica	#26-327	€163,00 Qty 6+ €130,00	3-4 days
25.00	38.00	33.03	VIS-EXT (350-700nm)	Fused Silica	#18-067	€163,00 Qty 6+ €130,00	3-4 days
25.00	40.00	34.86	VIS-EXT (350-700nm)	Fused Silica	#18-007	€163,00 Qty 6+ €130,00	3-4 days
25.00	50.00	46.00	VIS-EXT (350-700nm)	Fused Silica	#18-072	€163,00 Qty 6+ €130,00	3-4 days

25.00	60.00	56.92	VIS-EXT (350-700nm)	Fused Silica	#18-147	€158,00 Qty 6+ €126,00	3-4 days
25.00	75.00	71.96	VIS-EXT (350-700nm)	Fused Silica	#18-077	€158,00 Qty 6+ €126,00	3-4 days
25.00	100.00	97.40	VIS-EXT (350-700nm)	Fused Silica	#18-082	€158,00 Qty 6+ €126,00	3-4 days
25.00	125.00	122.65	VIS-EXT (350-700nm)	Fused Silica	#18-087	€151,00 Qty 6+ €121,00	3-4 days
25.00	150.00	147.82	VIS-EXT (350-700nm)	Fused Silica	#18-092	€151,00 Qty 6+ €121,00	3-4 days
25.00	175.00	172.94	VIS-EXT (350-700nm)	Fused Silica	#18-097	€151,00 Qty 6+ €121,00	3-4 days
25.00	200.00	198.02	VIS-EXT (350-700nm)	Fused Silica	#18-102	€151,00 Qty 6+ €121,00	3-4 days
25.00	250.00	248.14	VIS-EXT (350-700nm)	Fused Silica	#18-107	€151,00 Qty 6+ €121,00	3-4 days
25.00	400.00	398.33	VIS-EXT (350-700nm)	Fused Silica	#18-112	€151,00 Qty 6+ €121,00	3-4 days
30.00	50.00	45.2	VIS-EXT (350-700nm)	Fused Silica	#18-232	€197,00 Qty 6+ €158,00	3-4 days
30.00	90.00	86.57	VIS-EXT (350-700nm)	Fused Silica	#18-242	€192,00 Qty 6+ €154,00	3-4 days
30.00	120.00	116.57	VIS-EXT (350-700nm)	Fused Silica	#18-247	€192,00 Qty 6+ €154,00	3-4 days
30.00	150.00	146.57	VIS-EXT (350-700nm)	Fused Silica	#18-252	€187,00 Qty 6+ €150,00	3-4 days
50.00	75.00	66.43	VIS-EXT (350-700nm)	Fused Silica	#18-182	€309,00 Qty 6+ €247,00	3-4 days

50.00	100.00	93.84	VIS-EXT (350- 700nm)	Fused Silica	#18-187	€309,00 Qty 6+ €247,00	3-4 days
50.00	150.00	145.20	VIS-EXT (350- 700nm)	Fused Silica	#18-192	€304,00 Qty 6+ €243,00	3-4 days
50.00	200.00	195.19	VIS-EXT (350- 700nm)	Fused Silica	#18-197	€304,00 Qty 6+ €243,00	3-4 days
50.00	250.00	245.21	VIS-EXT (350- 700nm)	Fused Silica	#18-202	€304,00 Qty 6+ €243,00	3-4 days



Copyright 2023 | Edmund Optics, Ltd Unit 1, Opus Avenue, Nether Poppleton, York, YO26 6BL, UK
Phone: 1-800-363-1992 :
www.edmundoptics.com