

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

TECHSPEC®

405nm Laser Line Coated Fused Silica PCX Lenses



- <0.25% Reflection at 405nm for 405nm Diodes
- 5 - 50mm Diameters Available
- 10 - 250mm EFL Designs Available
- [532nm](#), [633nm](#), [1064nm](#), and [1550nm](#) V-Coated Options Offered

Common Specifications

Physical & Mechanical Properties

Bevel:	Protective as needed
--------	----------------------

Optical Properties

Surface Quality:	40-20
------------------	-------

Power (P-V) @ 632.8nm:	1.5λ
------------------------	------

Irregularity (P-V) @ 632.8nm:	λ/4
-------------------------------	-----

Focal Length Tolerance (%):	±1
-----------------------------	----

Design Wavelength DWL (nm):	405
-----------------------------	-----

Technical Information

Products

Dia. (mm)	EFL (mm)	BFL (mm)	Coating	Substrate	Stock Number	Price	Buy
5.00	10.00	8.63	Laser V-Coat (405nm)	Fused Silica	#34-060	€142,14 Volume Pricing	20+ In Stock
5.00	15.00	13.83	Laser V-Coat (405nm)	Fused Silica	#34-061	€133,90 Volume Pricing	4 In Stock
5.00	20.00	18.97	Laser V-Coat (405nm)	Fused Silica	#34-062	€133,90 Volume Pricing	10 In Stock
5.00	25.00	23.97	Laser V-Coat (405nm)	Fused Silica	#34-063	€133,90 Volume Pricing	7 In Stock
6.00	12.00	10.63	405nm V-Coat	Fused Silica (Corning 7980)	#25-855	€141,11 Volume Pricing	9 In Stock
6.00	21.00	19.63	405nm V-Coat	Fused Silica (Corning 7980)	#25-856	€135,96 Volume Pricing	4 In Stock
6.00	24.00	22.63	405nm V-Coat	Fused Silica (Corning 7980)	#25-857	€135,96 Volume Pricing	5 In Stock
6.00	36.00	34.63	405nm V-Coat	Fused Silica (Corning 7980)	#25-858	€135,96 Volume Pricing	9 In Stock
9.00	12.00	9.26	405nm V-Coat	Fused Silica (Corning 7980)	#25-859	€144,20 Volume Pricing	5 In Stock
9.00	18.00	15.94	405nm V-Coat	Fused Silica (Corning 7980)	#25-860	€144,20 Volume Pricing	5 In Stock
9.00	27.00	25.63	405nm V-Coat	Fused Silica (Corning 7980)	#25-861	€139,05 Volume Pricing	5 In Stock
9.00	36.00	34.63	405nm V-Coat	Fused Silica (Corning 7980)	#25-862	€139,05 Volume Pricing	2 In Stock

12.00	18.00	15.26	Laser V-Coat (405nm)	Fused Silica	#34-064	€150,38 Volume Pricing	2 In Stock
12.00	25.00	22.31	Laser V-Coat (405nm)	Fused Silica	#34-065	€150,38 Volume Pricing	1 In Stock
12.00	30.00	27.56	Laser V-Coat (405nm)	Fused Silica	#34-066	€145,23 Volume Pricing	5 In Stock
12.00	36.00	34.29	Laser V-Coat (405nm)	Fused Silica	#34-067	€145,23 Volume Pricing	4 In Stock
12.00	50.00	48.01	Laser V-Coat (405nm)	Fused Silica	#34-068	€136,99 Volume Pricing	4 In Stock
12.00	100.00	98.33	Laser V-Coat (405nm)	Fused Silica	#34-069	€136,99 Volume Pricing	Contact Us
25.00	38.00	33.03	Laser V-Coat (405nm)	Fused Silica	#34-070	€169,95 Volume Pricing	4 In Stock
25.00	50.00	46.00	Laser V-Coat (405nm)	Fused Silica	#34-071	€169,95 Volume Pricing	5 In Stock
25.00	60.00	56.92	Laser V-Coat (405nm)	Fused Silica	#34-072	€164,80 Volume Pricing	1 In Stock
25.00	75.00	71.96	Laser V-Coat (405nm)	Fused Silica	#34-073	€164,80 Volume Pricing	14 In Stock
25.00	100.00	97.40	Laser V-Coat (405nm)	Fused Silica	#34-074	€164,80 Volume Pricing	7 In Stock
25.00	125.00	122.65	Laser V-Coat (405nm)	Fused Silica	#34-075	€156,56 Volume Pricing	4 In Stock
25.00	150.00	147.86	Laser V-Coat (405nm)	Fused Silica	#34-076	€156,56 Volume Pricing	15 In Stock
25.00	200.00	198.02	Laser V-Coat (405nm)	Fused Silica	#34-077	€156,56 Volume Pricing	9 In Stock

50.00	75.00	66.43	Laser V-Coat (405nm)	Fused Silica	#34-078	€318,27 Volume Pricing	8 In Stock
50.00	100.00	93.84	Laser V-Coat (405nm)	Fused Silica	#34-079	€318,27 Volume Pricing	1 In Stock
50.00	150.00	145.20	Laser V-Coat (405nm)	Fused Silica	#34-080	€313,12 Volume Pricing	14 In Stock
50.00	200.00	195.19	Laser V-Coat (405nm)	Fused Silica	#34-081	€313,12 Volume Pricing	1 In Stock
50.00	250.00	245.21	Laser V-Coat (405nm)	Fused Silica	#34-082	€313,12 Volume Pricing	3 In Stock



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