

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

TECHSPEC®

785nm Laser Line Coated Fused Silica PCX Lenses



- <0.25% Reflection at 785nm
- 5 - 50mm Diameters Available
- 10 - 250mm EFL Designs Available
- [405nm](#), [532nm](#), [1064nm](#), and [1550nm](#) V-Coated Options Offered

Common Specifications

Physical & Mechanical Properties

Bevel: Protective as needed

Optical Properties

Substrate: [Fused Silica](#)

Coating:	785nm V-Coat	Coating Specification:	$R_{\text{abs}} < 0.25\% @ 785\text{nm}$
Design Wavelength DWL (nm):	785	Focal Length Tolerance (%):	± 1
Surface Quality:	40-20	Power (P-V) @ 632.8nm:	1.5λ
Irregularity (P-V) @ 632.8nm:	$\lambda/4$		

Technical Information

Products

Dia. (mm)	EFL (mm)	BFL (mm)	Coating	Substrate	Stock Number	Price	Buy
5.00	10.00	8.63	785nm V-Coat	Fused Silica	#25-895	S\$206.10 Volume Pricing	20+ In Stock
5.00	15.00	13.83	785nm V-Coat	Fused Silica	#25-896	S\$194.16 Volume Pricing	5 In Stock
5.00	20.00	18.97	785nm V-Coat	Fused Silica	#25-897	S\$194.16 Volume Pricing	5 In Stock
5.00	25.00	23.97	785nm V-Coat	Fused Silica	#25-898	S\$194.16 Volume Pricing	4 In Stock
6.00	12.00	10.63	785nm V-Coat	Fused Silica	#25-899	S\$210.58 Volume Pricing	5 In Stock
6.00	21.00	19.63	785nm V-Coat	Fused Silica	#25-900	S\$201.62 Volume Pricing	5 In Stock
6.00	24.00	22.63	785nm V-Coat	Fused Silica	#25-901	S\$201.62 Volume Pricing	5 In Stock
6.00	36.00	34.63	785nm V-Coat	Fused Silica	#25-902	S\$201.62 Volume Pricing	5 In Stock
9.00	12.00	9.26	785nm V-Coat	Fused Silica	#25-903	S\$213.57 Volume Pricing	5 In Stock
9.00	18.00	15.94	785nm V-Coat	Fused Silica	#25-904	S\$213.57 Volume Pricing	5 In Stock
9.00	27.00	25.63	785nm V-Coat	Fused Silica	#25-905	S\$206.10 Volume Pricing	5 In Stock
9.00	36.00	34.63	785nm V-Coat	Fused Silica	#25-906	S\$206.10 Volume Pricing	5 In Stock
12.00	18.00	15.26	785nm V-Coat	Fused Silica	#25-907	S\$218.05 Volume Pricing	4 In Stock
12.00	25.00	22.31	785nm V-Coat	Fused Silica	#25-908	S\$218.05 Volume Pricing	4 In Stock
12.00	30.00	27.56	785nm V-Coat	Fused Silica	#25-909	S\$210.58 Volume Pricing	5 In Stock
12.00	36.00	34.29	785nm V-Coat	Fused Silica	#25-910	S\$210.58 Volume Pricing	4 In Stock

12.00	50.00	48.01	785nm V-Coat	Fused Silica	#25-911	S\$198.64 Volume Pricing	9 In Stock
12.00	100.00	98.33	785nm V-Coat	Fused Silica	#25-912	S\$198.64 Volume Pricing	5 In Stock
25.00	38.00	33.03	785nm V-Coat	Fused Silica	#25-913	S\$246.43 Volume Pricing	2 In Stock
25.00	50.00	46.00	785nm V-Coat	Fused Silica	#25-914	S\$246.43 Volume Pricing	4 In Stock
25.00	60.00	56.92	785nm V-Coat	Fused Silica	#25-915	S\$238.96 Volume Pricing	5 In Stock
25.00	75.00	71.96	785nm V-Coat	Fused Silica	#25-916	S\$238.96 Volume Pricing	5 In Stock
25.00	100.00	97.40	785nm V-Coat	Fused Silica	#25-917	S\$238.96 Volume Pricing	5 In Stock
25.00	125.00	122.65	785nm V-Coat	Fused Silica	#25-918	S\$227.01 Volume Pricing	5 In Stock
25.00	150.00	147.82	785nm V-Coat	Fused Silica	#25-919	S\$227.01 Volume Pricing	3 In Stock
25.00	200.00	198.02	785nm V-Coat	Fused Silica	#25-920	S\$227.01 Volume Pricing	5 In Stock
50.00	75.00	66.43	785nm V-Coat	Fused Silica	#25-921	S\$461.49 Volume Pricing	4 In Stock
50.00	100.00	93.84	785nm V-Coat	Fused Silica	#25-922	S\$461.49 Volume Pricing	4 In Stock
50.00	150.00	145.20	785nm V-Coat	Fused Silica	#25-923	S\$454.02 Volume Pricing	4 In Stock
50.00	200.00	195.19	785nm V-Coat	Fused Silica	#25-924	S\$454.02 Volume Pricing	5 In Stock
50.00	250.00	245.21	785nm V-Coat	Fused Silica	#25-925	S\$454.02 Volume Pricing	5 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