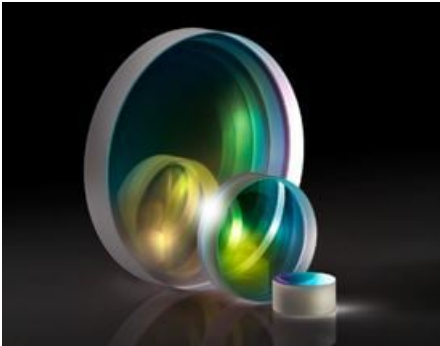


[All Products](#) / [Optics](#) / [Optical Lenses](#) / [Plano-Concave \(PCV\) Lenses](#)

TECHSPEC®

1064nm Laser Line Coated UV Fused Silica Plano-Concave (PCV) Lenses



- Negative Focal Lengths for Beam Expansion or Light Projection Applications
- Research-Grade Synthetic Fused Silica Substrate
- <0.25% Reflection at 1064nm for Nd:YAG and Fiber Laser Applications
- [Uncoated and BBAR Coating Options](#) Available

Common Specifications

General

Note:	Max. Flat Annulus is 0.3mm
-------	----------------------------

Optical Properties			
Substrate:		Fused Silica (Corning 7980)	
Coating:	1064nm V-Coat	Coating Specification:	R _{abs} <0.25% @ 1064nm
Design Wavelength DWL (nm):	1064	Focal Length Specification Wavelength (nm):	587.6
Focal Length Tolerance (%):	±1	Surface Quality:	40-20
Damage Threshold, By Design:	15 J/cm ² @ 1064nm, 10ns	Power (P-V) @ 632.8nm:	1.5λ
Irregularity (P-V) @ 632.8nm:	λ/4		

Technical Information

Products

Dia. (mm)	EFL (mm)	BFL (mm)	Coating	Substrate	Stock Number	Price	Buy
6.00	-9.00	-10.38	1064nm V-Coat	Fused Silica	#21-026	C\$200.34 Volume Pricing	5 In Stock
6.00	-12.00	-13.38	1064nm V-Coat	Fused Silica	#21-027	C\$200.34 Volume Pricing	3 In Stock
6.00	-18.00	-19.37	1064nm V-Coat	Fused Silica	#21-028	C\$200.34 Volume Pricing	3 In Stock
9.00	-13.50	-14.89	1064nm V-Coat	Fused Silica	#21-029	C\$207.76 Volume Pricing	3 In Stock
9.00	-18.00	-19.37	1064nm V-Coat	Fused Silica	#21-030	C\$207.76 Volume Pricing	5 In Stock
9.00	-27.00	-28.42	1064nm V-Coat	Fused Silica	#21-031	C\$207.76 Volume Pricing	3 In Stock
12.00	-25.00	-26.37	1064nm V-Coat	Fused Silica	#21-032	C\$216.66 Volume Pricing	Contact Us
12.00	-30.00	-31.37	1064nm V-Coat	Fused Silica	#21-033	C\$216.66 Volume Pricing	5 In Stock
12.00	-40.00	-41.37	1064nm V-Coat	Fused Silica	#21-034	C\$216.66 Volume Pricing	3 In Stock
12.00	-50.00	-51.37	1064nm V-Coat	Fused Silica	#21-035	C\$216.66 Volume Pricing	8 In Stock
12.00	-100.00	-101.37	1064nm V-Coat	Fused Silica	#21-036	C\$216.66 Volume Pricing	2 In Stock
25.00	-50.00	-51.37	1064nm V-Coat	Fused Silica	#21-037	C\$227.05 Volume Pricing	12 In Stock
25.00	-75.00	-76.71	1064nm V-Coat	Fused Silica	#21-038	C\$227.05 Volume Pricing	9 In Stock
25.00	-100.00	-101.71	1064nm V-Coat	Fused Silica	#21-039	C\$227.05 Volume Pricing	Contact Us
25.00	-150.00	-151.71	1064nm V-Coat	Fused Silica	#21-040	C\$227.05 Volume Pricing	7 In Stock
25.00	-200.00	-201.71	1064nm V-Coat	Fused Silica	#21-041	C\$227.05 Volume Pricing	5 In Stock
25.00	-250.00	-251.71	1064nm V-Coat	Fused Silica	#21-042	C\$227.05 Volume Pricing	10 In Stock



Copyright 2023, Edmund Optics Inc., 101 East Gloucester Pike, Barrington, NJ 08007-1380 USA

Phone: 1-800-363-1992 :

www.edmundoptics.com