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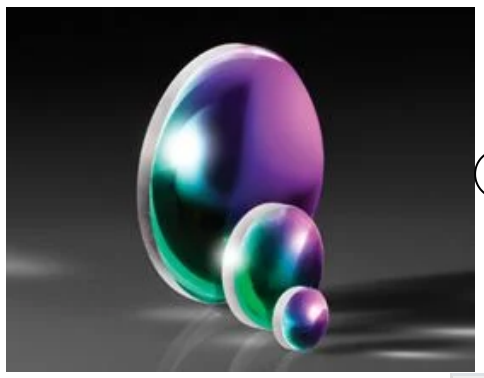
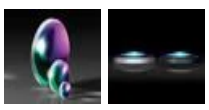
TECHSPEC® 25mm Dia. x 200mm FL 405nm V-Coat, UV PCX Lens





Stock #34-077 8 In Stock

Other Coating Options

- 1 +

C$232.40

ADD TO CART

Volume Pricing	
Qty 1-5	C$232.40 each
Qty 6-25	C$186.20 each
Qty 26-49	C$175.00 each
Need More?	Request Quote

Product Downloads

STEP:stp | Curve:pdf | PDF Drawing:pdf | ISO 10110 Drawing | IGES:igs | Zemax:zar | Zemax:zmx | eDrawing:eprt | Code V:seq | EO Spec Sheet

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General

Type:	Plano-Convex Lens

Physical & Mechanical Properties

Diameter (mm):	25.00 +0.0/-0.025	**Centering (arcmin):**	≤1
Center Thickness CT (mm):	2.88 ±0.10	**Edge Thickness ET (mm):**	2.02
Clear Aperture CA (mm):	24	**Bevel:**	Protective as needed
Edges:	Fine Ground, Protective Bevel as Needed		

Optical Properties

Effective Focal Length EFL (mm):	200.00 @ 587.6nm	**Back Focal Length BFL (mm):**	198.02
Coating:	Laser V-Coat (405nm)	**Coating Specification:**	R_{abs} <0.25% @ 405nm
Substrate: ⓘ	Fused Silica (Corning 7980)	**Surface Quality:**	40-20
Power (P-V) @ 632.8nm:	1.5λ	**Irregularity (P-V) @ 632.8nm:**	λ/4
Focal Length Tolerance (%):	±1	**Radius R_1 (mm):**	91.68
f/#:	8.00	**Numerical Aperture NA:**	0.06

Design Wavelength DWL (nm):	405	**Damage Threshold, By Design:** ⓘ	3 J/cm^2 @ 405nm, 10ns

Regulatory Compliance

RoHS 2015:	**Compliant**	**Certificate of Conformance:**	**View**
Reach 235:	**Compliant**		

Need different specs or modifications?

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our **custom manufacturing capabilities** or submit an inquiry **here.**

Product Details

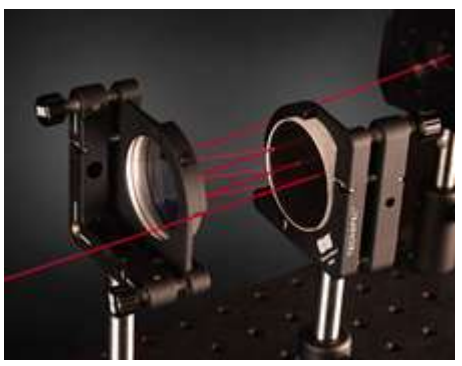
- <0.25% Reflection at 405nm for 405nm Diodes
- 5 - 50mm Diameters Available
- 10 - 250mm EFL Designs Available
- **532nm**, **633nm**, **1064nm**, and **1550nm** V-Coated Options Offered

TECHSPEC® Laser Line Coated Fused Silica PCX Lenses are available in a variety of laser line V-Coat AR coating options. Designed for maximum throughput at the specified laser wavelength, these lenses are ideal for applications utilizing low power HeNe, Diode, and Nd:YAG laser sources. With a maximum reflection of <0.25% per surface at the design wavelength, the lenses will provide superior transmission in applications utilizing multiple optical components.></0.25%>

Related Products

405nm Laser Line Coated Plano-Convex (PCX) Lenses

Violet and Blue Alignment Laser Diodes

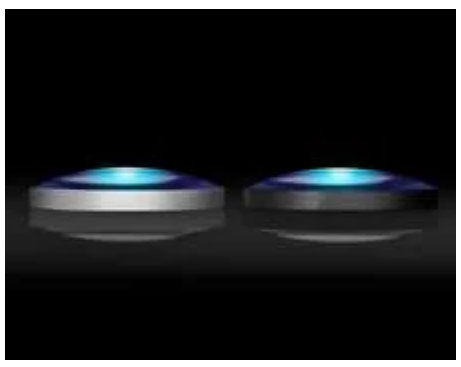


Laser Optics

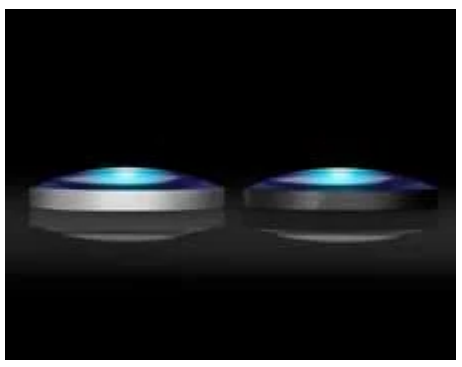
Plano-Convex (PCX) Lenses

Frequently Purchased Together

#00-736 – 7.75" x 10.75" Sheets, Industrial Grade Lens Tissue
C$98.00
Qty

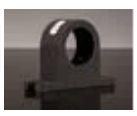


#34-075 – 25mm Dia. x 125mm FL 405nm V-Coat, UV PCX Lens
C$232.40
Qty



#34-076 – 25mm Dia. x 150mm FL 405nm V-Coat, UV PCX Lens
C$232.40
Qty

Compatible Mounts

	Title	Type	Compare	Stock Number	Price	Buy
MORE+ 	25.0/25.4mm Optic Dia., SM1 Thin Mount, M4	Fixed		#13-787	C$29.40 Request Quote	9 In Stock 1
MORE+ 	25.0/25.4mm Optic Dia., SM1 Thin Mount, 8-32	Fixed		#13-788	C$29.40 Request Quote	20+ In Stock 1
MORE+ 	25.0mm Optic Dia., Optic Mount	Fixed		#64-560	C$45.85 Request Quote	CONTACT US 1
MORE+ 	25mm Thin Inner Single Optic Mount	Fixed		#38-755	C$57.40 Request Quote	20+ In Stock 1
MORE+ 	25.0/25.4mm Optic Dia., L-Slot Direct Mount	Fixed		#36-410	C$95.20 Request Quote	20+ In Stock 1
MORE+ 	25.0/25.4mm Optic Dia., Side Flange Direct Mount	Fixed		#36-414	C$99.40 Request Quote	20+ In Stock 1
MORE+ 	25mm Thin Inner Pair Optic Mounts	Fixed		#11-052	C$112.70 Request Quote	5 In Stock 1
MORE+ 	25mm Thick Inner Pair Optic Mounts	Fixed		#11-054	C$112.70 Request Quote	16 In Stock 1
MORE+ 	25/25.4mm Diameter, C-Mount Thin Optic Mount	Fixed		#56-353	C$138.60 Request Quote	20+ In Stock 1
MORE+ 	25.0/25.4mm Optic Dia., L-Slot and Rotation Direct Mount	Adjustable - Rotary		#36-411	C$142.80 Request Quote	5 In Stock 1
MORE+ 	25.0/25.4mm Optic Dia., X-Y Translating Optic Mount	Adjustable - Linear (XY)		#62-956	C$386.40 Request Quote	CONTACT US 1
MORE+ 	25.0/25.4mm Optic Dia., X-Y-Z Translating Optic Mount	Adjustable - Linear (XYZ)		#62-959	C$756.00 Request Quote	6 In Stock 1
MORE+ 	25.0/25.4mm Optic Dia., 5 Axes Optical Mount	Adjustable - Linear (XYZ) & Tip-Tilt		#13-776	C$1,057.00 Request Quote	2 In Stock 1

Check out our full selection of mounts **here**.

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