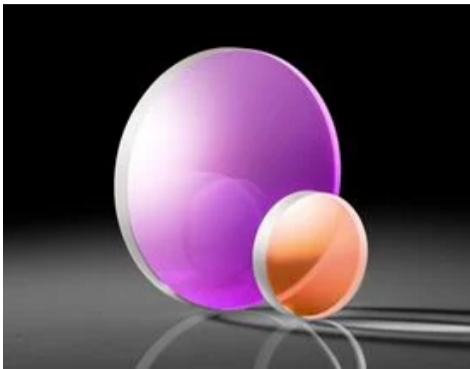


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TECHSPEC®

25.4mm Dia. x 35mm FL, 355nm Coated, Laser Grade PCX Lens



TECHSPEC Laser Grade PCX Lenses

Stock #38-671 **16 In Stock** [Other Coating Options](#)

1 **£184^{.80}**

ADD TO CART

Volume Pricing	
Qty 1-5	£184.80 each
Qty 6-25	£148.00 each
Qty 26-49	£135.20 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

- STEP:step
- Curve:pdf
- PDF Drawing:pdf
- IGES:igs
- Curve (xlsx):xlsx
- Zemax:zar
- Zemax:zmx
- eDrawing:eprt
- Code V:seq
- EO Spec Sheet
- [Download All](#)

General

Type: Plano-Convex Lens

Physical & Mechanical Properties

Diameter (mm): 25.40 +0.00/-0.025	Centering (arcmin): <1
Center Thickness CT (mm): 9.53 ±0.10	Edge Thickness ET (mm): 3.04
Clear Aperture CA (mm): 21.59	Bevel: Protective as needed

Optical Properties

Effective Focal Length EFL (mm): 35.00 @ 355nm	Back Focal Length BFL (mm): 28.55
Coating: Laser V-Coat (355nm)	Coating Specification: R _{abs} <0.25% @ 355nm
Substrate: Fused Silica (Corning 7980)	Surface Quality: 10-5
Power (P-V) @ 632.8nm: λ	Irregularity (P-V) @ 632.8nm: λ/10
Focal Length Tolerance (%): ±1	Radius R₁ (mm): 16.66
f/#: 1.38	Numerical Aperture NA: 0.36

Design Wavelength DWL (nm): 355

Damage Threshold, By Design: 7.5 J/cm² @ 355nm, 20ns, 20Hz

Regulatory Compliance

RoHS 2015: **Compliant**

Reach 209: **Compliant**

Certificate of Conformance: **View**

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

- Guaranteed Laser Damage Threshold
- 10-5 Surface Quality
- $\lambda/10$ Surface Accuracy

TECHSPEC® Laser Grade PCX Lenses are designed for high energy Nd:YAG laser applications including laser cutting, machining, and welding. The precision fused silica substrate, featuring $\lambda/10$ surface accuracy and 10-5 surface quality, ensures low scatter and excellent transmitted wavefront performance. TECHSPEC® Laser Grade PCX Lenses are available uncoated or with a variety of high laser damage threshold anti-reflection (AR) coating options. Coatings are available at the most common Nd:YAG laser wavelengths to ensure maximum laser throughput.

LASER OPTICS MADE BY EDMUND OPTICS®

LEARN MORE

Technical Information

Related Products



Plano-Convex (PCX) Laser Lenses



Thin Fused Silica Plano-Convex (PCX) Laser Lenses



UV Fused Silica Plano-Convex (PCX) Lenses - Uncoated



Optical Lens and Filter Mounts

Frequently Purchased Together



#46-143 - 5X Mitutoyo Plan Apo Infinity Corrected Long WD Objective
£680.00



#48-842 - 25mm Dia. x 25mm, UV-VIS Coated, UV Double-Convex Lens
£136.00









#55-743 - C-Mount Male to Mitutoyo (M26) Female Step-Up Adapter
£41.60



#56-353 - 25/25.4mm Diameter, C-Mount Thin Optic Mount
£79.20

Compatible Mounts

	Title	Type	Compare	Stock Number	Price	Buy
	25.0/25.4mm Optic Dia., SM1 Thin Mount, M4	Fixed		#13-787	£16.80 Request Quote	9 In Stock <input type="text" value="1"/>
	25.0/25.4mm Optic Dia., SM1 Thin Mount, 8-32	Fixed		#13-788	£16.80 Request Quote	20+ In Stock <input type="text" value="1"/>
	25.4mm Optic Dia., 10mm Max Optic Thickness, Optic Mount	Fixed		#64-561	£26.20 Request Quote	20+ In Stock <input type="text" value="1"/>
	25.4mm Optic Dia., 13mm Max Optic Thickness, Optic Mount	Fixed		#64-562	£26.20 Request Quote	20+ In Stock <input type="text" value="1"/>
	25mm Thick Inner Single Optic Mount	Fixed		#38-758	£32.80 Request Quote	7 In Stock <input type="text" value="1"/>
	25.4mm Inner Single Optic Mount	Fixed		#38-756	£32.80 Request Quote	20+ In Stock <input type="text" value="1"/>
	30mm Cage 25/25.4mm Diameter Lens Mount	Fixed		#85-587	£34.80 Request Quote	20+ In Stock <input type="text" value="1"/>
	30mm Cage 25/25.4mm Diameter Thick Lens Mount	Fixed		#85-588	£36.60 Request Quote	20+ In Stock <input type="text" value="1"/>
	25.0/25.4mm Optic Dia., L-Slot Direct Mount	Fixed		#36-410	£54.40 Request Quote	15 In Stock <input type="text" value="1"/>
	25.0/25.4mm Optic Dia., Side Flange Direct Mount	Fixed		#36-414	£56.80 Request Quote	20+ In Stock <input type="text" value="1"/>
	25/25.4mm Diameter, T-Mount Thin Optic Mount	Fixed		#52-292	£57.60 Request Quote	CONTACT US <input type="text" value="1"/>
	25.0/25.4mm Optic Dia., L-Slot and Rotation Direct Mount	Adjustable - Rotary		#36-411	£81.60 Request Quote	5 In Stock <input type="text" value="1"/>
	25.0/25.4mm Optic Dia., X-Y Translating Optic Mount	Adjustable - Linear (XY)		#62-956	£220.80 Request Quote	CONTACT US <input type="text" value="1"/>

	Title	Type	Compare	Stock Number	Price	Buy
 	25.0/25.4mm Optic Dia., X-Y-Z Translating Optic Mount	Adjustable - Linear (XYZ)		#62-959	£432.00 Request Quote	6 In Stock <input type="text" value="1"/> 
 	25.0/25.4mm Optic Dia., 5 Axes Optical Mount	Adjustable - Linear (XYZ) & Tip-Tilt		#13-776	£604.00 Request Quote	2 In Stock <input type="text" value="1"/> 

Check out our full selection of mounts [here](#).

Resources

Media Type

- Application Note
- Technical Tool
- Video
- FAQ
- Trending in Optics
- Glossary
- Scientific Paper
- Published Article

APPLICATION NOTE

An Introduction to Optical Coatings

TECHNICAL TOOL

Gaussian Beams Calculator

VIDEO

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? FAQ

What is the best lens for focusing or collimating th...

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