

TECHSPEC®

25.0mm Diameter x 30.0mm FL, 1550nm V-Coat, PCX Lens



Stock #84-253 **5 In Stock** [Other Coating Options](#)

- 1 +

MRP ₹6,155

Price inclusive of all taxes

ADD TO CART

633nm Laser Line Coated Plano-Convex (PCX) Lenses



Volume Pricing	
Qty 1-9	₹6,155 each
Qty 10-25	₹5,550 each
Qty 26-49	₹4,919 each
Need More?	Request Quote

Product Downloads	
STEP:stp	Curve:pdf
PDF Drawing:pdf	
ISO 10110 Drawing	
IGES:igs	Zemax:zar
Zemax:zip	Zemax:zmx
eDrawing:eprt	Code V:seq
EO Spec Sheet	Download All

General

Type: Plano-Convex Lens

Physical & Mechanical Properties

Diameter (mm): 25.00 +0.0/-0.025	Centering (arcmin): <1
Center Thickness CT (mm): 8.06 ±0.10	Edge Thickness ET (mm): 1.73
Clear Aperture CA (mm): 24	Bevel: Protective as needed

Optical Properties

Effective Focal Length EFL (mm): 30.00 @ 587.6nm	Back Focal Length BFL (mm): 24.68
Coating: Laser V-Coat (1550nm)	Coating Specification: R _{abs} <0.25% @ 1550nm
Substrate: N-BK7	Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ	Irregularity (P-V) @ 632.8nm: λ/4
Focal Length Tolerance (%): ±1	Radius R₁ (mm): 15.50
f/#: 1.2	Numerical Aperture NA: 0.42
Design Wavelength DWL (nm): 1550	Damage Threshold, By Design: 5 J/cm ² @ 1550nm, 10ns

Regulatory Compliance

RoHS 2015: Compliant	Certificate of Conformance: View
Reach 235: Compliant	
Country of Origin: Japan	Imported By: Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91-80-6845 0000

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 Design Wavelength
- Coatings Available for Diode, HeNe, and Nd:YAG Laser Sources
- BBAR Coating Options Also Available: [uncoated](#), [MgF₂](#), [VIS 0°](#), [VIS-NIR](#), [NIR I](#), [NIR II](#)
- [405nm](#), [532nm](#), [633nm](#), [785nm](#), [980nm](#), [1064nm](#), and 1550nm V-Coated Options Offered

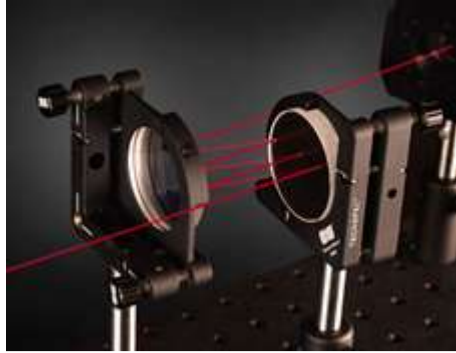
TECHSPEC® 1550nm Laser Line Coated Plano-Convex (PCX) Lenses are designed for maximum throughput at the specified laser wavelength. These lenses are ideal for collecting and focusing light from laser sources and their corresponding harmonics. With a maximum reflection of <0.25% per surface at the design wavelength, the lenses will provide superior transmission in applications utilizing multiple optical components. TECHSPEC® 1550nm Laser Line Coated Plano-Convex (PCX) Lenses are available Laser V-Coated in a range of other wavelengths: [405nm](#), [532nm](#), [633nm](#), [785nm](#), [980nm](#), and [1064nm](#). Other coating options are available, including [uncoated](#), [MgF₂](#), [VIS 0°](#), [VIS-NIR](#), [NIR I](#), and [NIR II](#).

LASER OPTICS MADE BY EDMUND OPTICS®

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Technical Information

Related Products



Laser Optics



1550nm Laser Line Coated Fused Silica PCX Lenses



Plano-Convex (PCX) Lenses



Optical Cleaning

Frequently Purchased Together











#67-651-INK - 25mm Dia. x 50mm FL, NIR II Coated, Double-Convex Lens
₹6,478



#84-256 - 25.0mm Diameter x 50.0mm FL, 1550nm V-Coat, PCX Lens
₹5,953

Compatible Mounts

	Title	Type	Compare	Stock Number	Price	Buy
MORE+	25.0/25.4mm Optic Dia., SM1 Thin Mount, M4	Fixed		#13-787	₹2,119 Request Quote	2 In Stock <input type="text" value="1"/>
MORE+	25.0/25.4mm Optic Dia., SM1 Thin Mount, 8-32	Fixed		#13-788	₹2,119 Request Quote	CONTACT US <input type="text" value="1"/>
MORE+	25.0mm Optic Dia., Optic Mount	Fixed		#64-560	₹3,305 Request Quote	CONTACT US <input type="text" value="1"/>
MORE+	25mm Thin Inner Single Optic Mount	Fixed		#38-755	₹4,137 Request Quote	5 In Stock <input type="text" value="1"/>
MORE+	25.0/25.4mm Optic Dia., L-Slot Direct Mount	Fixed		#36-410	₹6,861 Request Quote	9 In Stock <input type="text" value="1"/>
MORE+	25.0/25.4mm Optic Dia., Side Flange Direct Mount	Fixed		#36-414	₹7,164 Request Quote	CONTACT US <input type="text" value="1"/>
MORE+	25mm Thin Inner Pair Optic Mounts	Fixed		#11-052	₹8,122 Request Quote	3 In Stock <input type="text" value="1"/>
MORE+	25mm Thick Inner Pair Optic Mounts	Fixed		#11-054	₹8,122 Request Quote	11 In Stock <input type="text" value="1"/>
MORE+	25/25.4mm Diameter, C-Mount Thin Optic Mount	Fixed		#56-353	₹9,989 Request Quote	20+ In Stock <input type="text" value="1"/>

	Title	Type	Compare	Stock Number	Price	Buy
MORE+ 	25.0/25.4mm Optic Dia., L-Slot and Rotation Direct Mount	Adjustable - Rotary		#36-411	₹10,291 Request Quote	CONTACT US 1 
MORE+ 	25.0/25.4mm Optic Dia., X-Y Translating Optic Mount	Adjustable - Linear (XY)		#62-956	₹27,846 Request Quote	CONTACT US 1 
MORE+ 	25.0/25.4mm Optic Dia., X-Y-Z Translating Optic Mount	Adjustable - Linear (XYZ)		#62-959	₹54,481 Request Quote	6 In Stock 1 
MORE+ 	25.0/25.4mm Optic Dia., 5 Axes Optical Mount	Adjustable - Linear (XYZ) & Tip-Tilt		#13-776	₹76,173 Request Quote	2 In Stock 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

Polarization Directed Flat Lenses Product Review

FAQ

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

TRENDING IN OPTICS

Free-Space Optical Communication

APPLICATION NOTE

Common Laser Optics Materials

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