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TECHSPEC[®] 12.0mm Diameter x 30.0mm FL, 1550nm V-Coat, PCX Lens



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



Stock **#84-244** **16 In Stock**

☐ [Other Coating Options](#)

-

1

+

₹4,456

Price inclusive of all taxes

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Volume Pricing	
Qty 1-9	₹4,456 each
Qty 10-25	₹4,019 each
Qty 26-49	₹3,560 each
Need More?	Request Quote

Product Downloads

General

Plano-Convex Lens

Type:

Physical & Mechanical Properties

12.00 +0.0/-0.025	Diameter (mm):
<1	Centering (arcmin):
3.00 ±0.05	Center Thickness CT (mm):
1.79	Edge Thickness ET (mm):
11	Clear Aperture CA (mm):
Protective as needed	Bevel:

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

Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 235:
Japan	Country of Origin:
Edmund Optics India Private Limited	Imported By:

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](#).

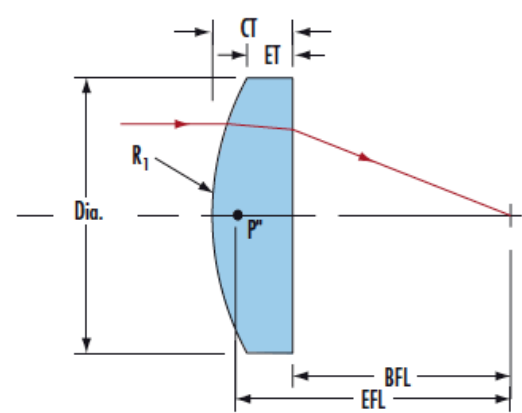
LASER OPTICS

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Technical Information



Compatible Mounts