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TECHSPEC® 25.4mm Dia. x 200mm FL, Uncoated, Laser Grade PCX Lens



TECHSPEC Laser Grade PCX Lenses

Stock **#38-629** **20+ In Stock**

[Other Coating Options](#)

⊖ 1 ⊕ ₹14,480

ADD TO CART

Volume Pricing	
Qty 1-5	₹14,480 each
Qty 6-25	₹11,522 each
Qty 26-49	₹10,821 each
Need More?	Request Quote

Product Downloads

General

Plano-Convex Lens **Type:**

Physical & Mechanical Properties

25.40 +0.00/-0.025 **Diameter (mm):**

Centering (arcmin):

<1

Center Thickness CT (mm):
4.00 ±0.10

Edge Thickness ET (mm):
3.08

Clear Aperture CA (mm):
21.59

Bevel:
Protective as needed

Optical Properties

Effective Focal Length EFL (mm):
200.00 @ 355nm

Back Focal Length BFL (mm):
197.35

Coating:
Uncoated

Substrate:
[Fused Silica](#) (Coming 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):
95.22

f#:
7.87

Numerical Aperture NA:
0.06

Wavelength Range (nm):
200 - 2200

Regulatory Compliance

Certificate of Conformance:
[View](#)

Country of Origin:
Singapore

Imported By:
Edmund Optics India Private Limited

Product Details

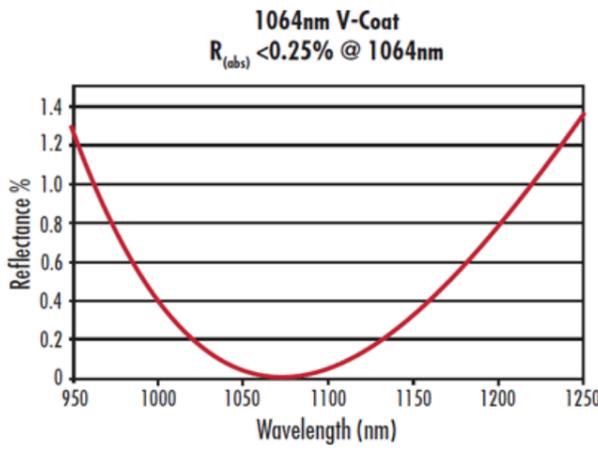
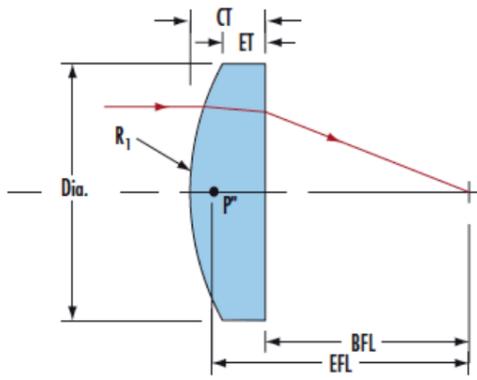
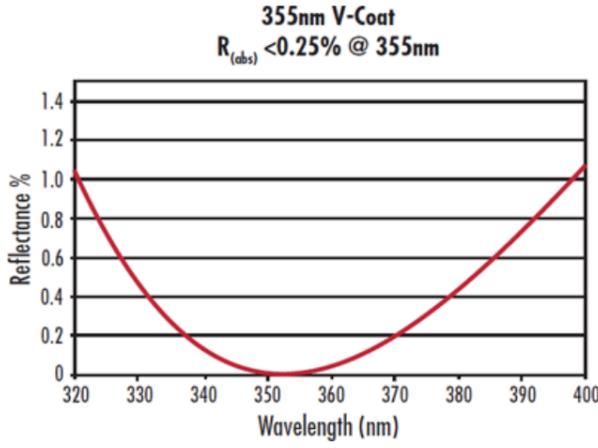
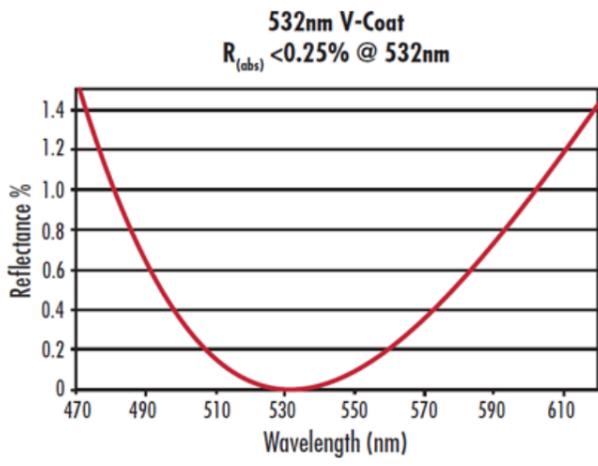
- Guaranteed Laser Damage Threshold
- 10-5 Surface Quality
- λ/10 Surface Accuracy

TECHSPEC® Laser Grade PCXLenses are designed for high energy Nd:YAG laser applications including laser cutting, machining, and welding. The precision fused silica substrate, featuring λ/10 surface accuracy and 10-5 surface quality, ensures low scatter and excellent transmitted wavefront performance. TECHSPEC® Laser Grade PCXLenses 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



Custom

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](#).

Compatible Mounts