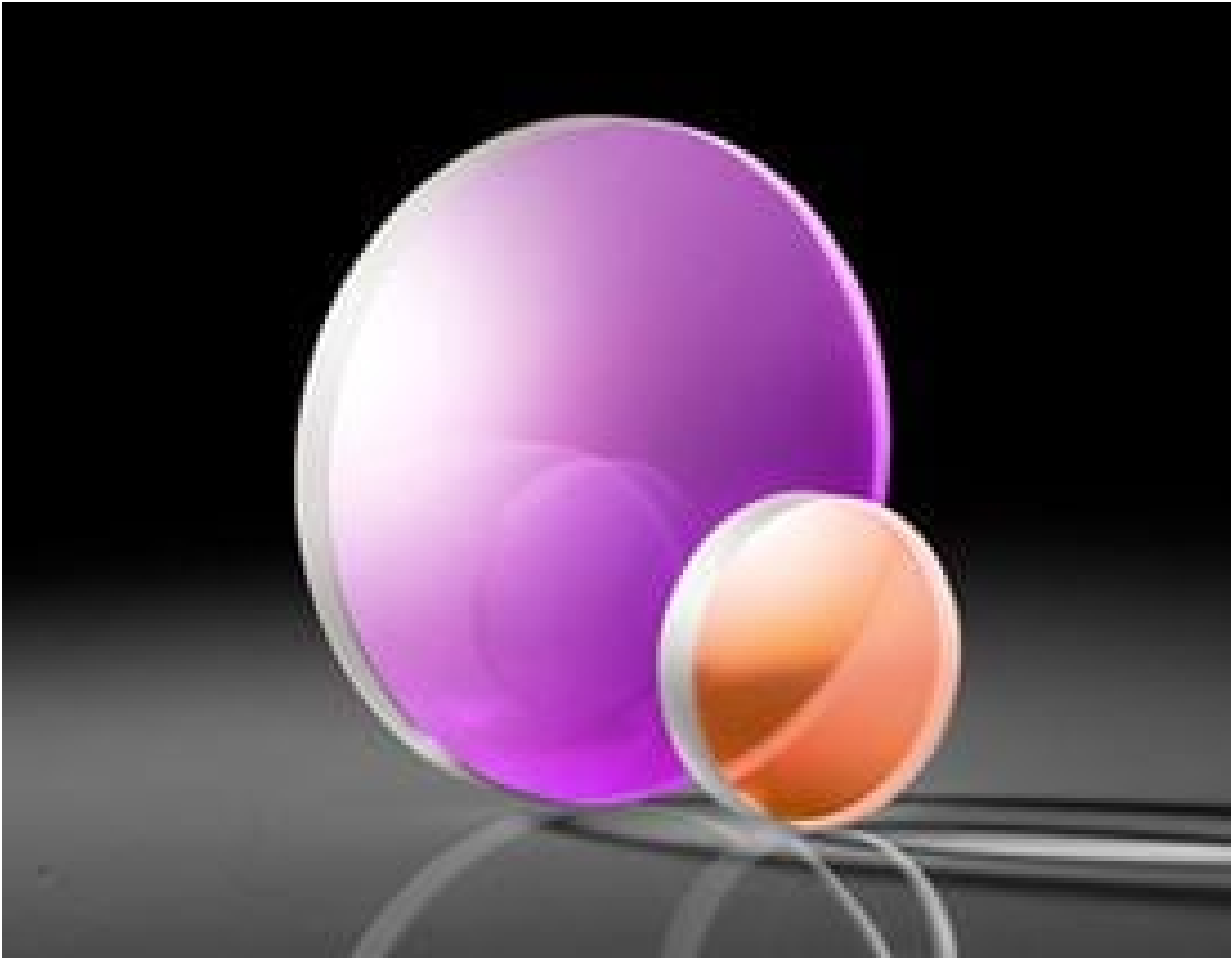


TECHSPEC<sup>®</sup> 25.4mm Dia. x 75mm FL, Uncoated, Laser Grade PCX Lens



TECHSPEC Laser Grade PCXLenses

Stock **#38-626** **6 In Stock**

☐ [Other Coating Options](#)

-

1

+

C\$276<sup>02</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | C\$276.02 each                |
| Qty 6-25       | C\$219.63 each                |
| Qty 26-49      | C\$206.28 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

SPECIFICATIONS

General

Plano-Convex Lens

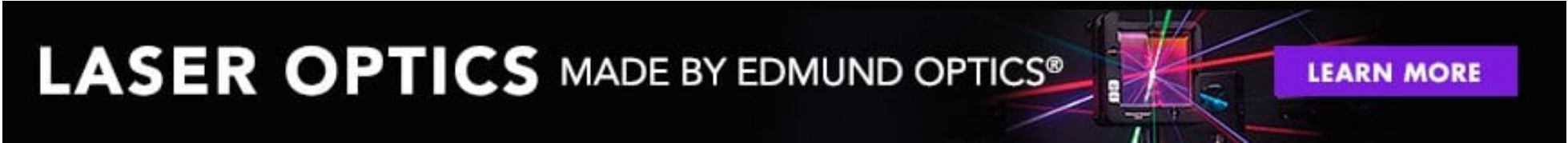
Type:

| Physical & Mechanical Properties |                                     |
|----------------------------------|-------------------------------------|
| 25.40 +0.00/-0.025               | Diameter (mm):                      |
| <1                               | Centering (arcmin):                 |
| 5.00 ±0.10                       | Center Thickness CT (mm):           |
| 2.47                             | Edge Thickness ET (mm):             |
| 21.59                            | Clear Aperture CA (mm):             |
| Protective as needed             | Bevel:                              |
| Optical Properties               |                                     |
| 75.00 @ 355nm                    | Effective Focal Length EFL (mm):    |
| 71.63                            | Back Focal Length BFL (mm):         |
| Uncoated                         | Coating:                            |
| Fused Silica (Corning 7980)      | Substrate: <input type="checkbox"/> |
| 10-5                             | Surface Quality:                    |
| λ                                | Power (P-V) @ 632.8nm:              |
| λ/10                             | Irregularity (P-V) @ 632.8nm:       |
| ±1                               | Focal Length Tolerance (%):         |
| 35.71                            | Radius R <sub>1</sub> (mm):         |
| 2.95                             | f/#:                                |
| 0.17                             | Numerical Aperture NA:              |
| 200 - 2200                       | Wavelength Range (nm):              |
| Regulatory Compliance            |                                     |
| View                             | Certificate of Conformance:         |

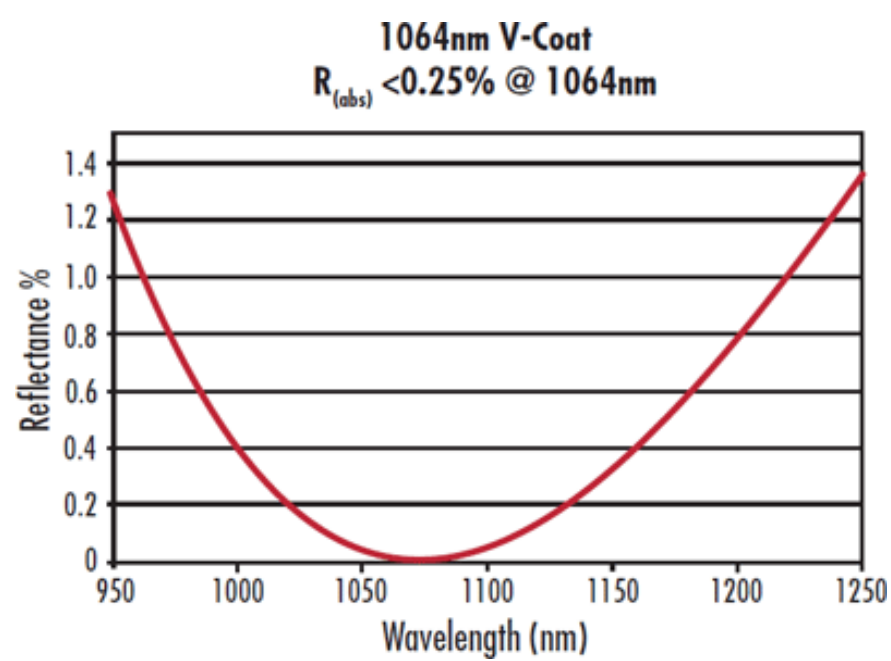
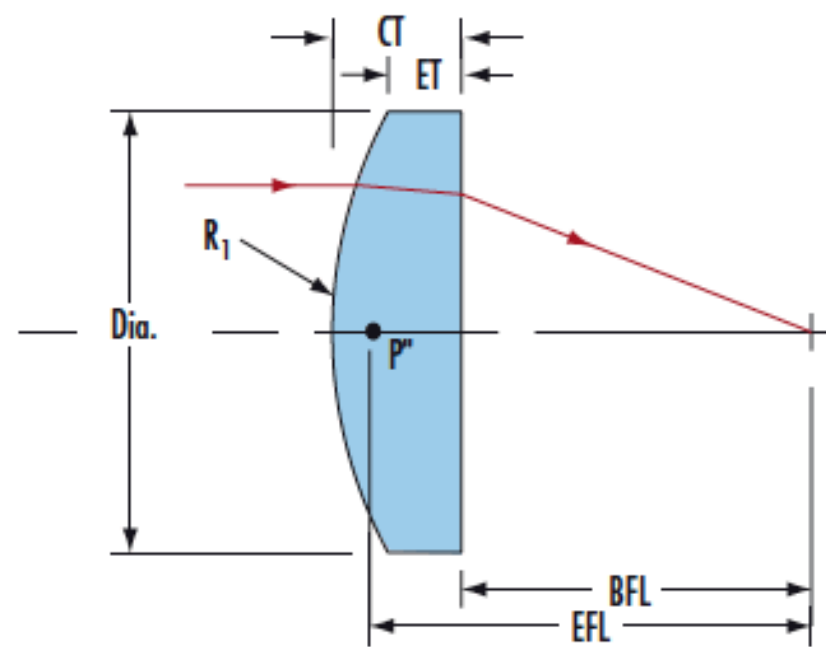
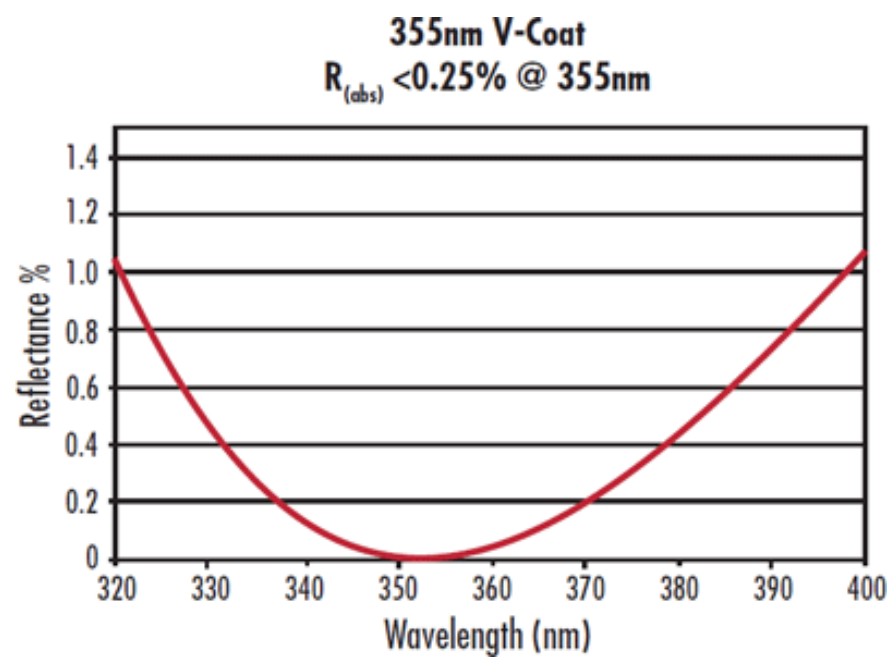
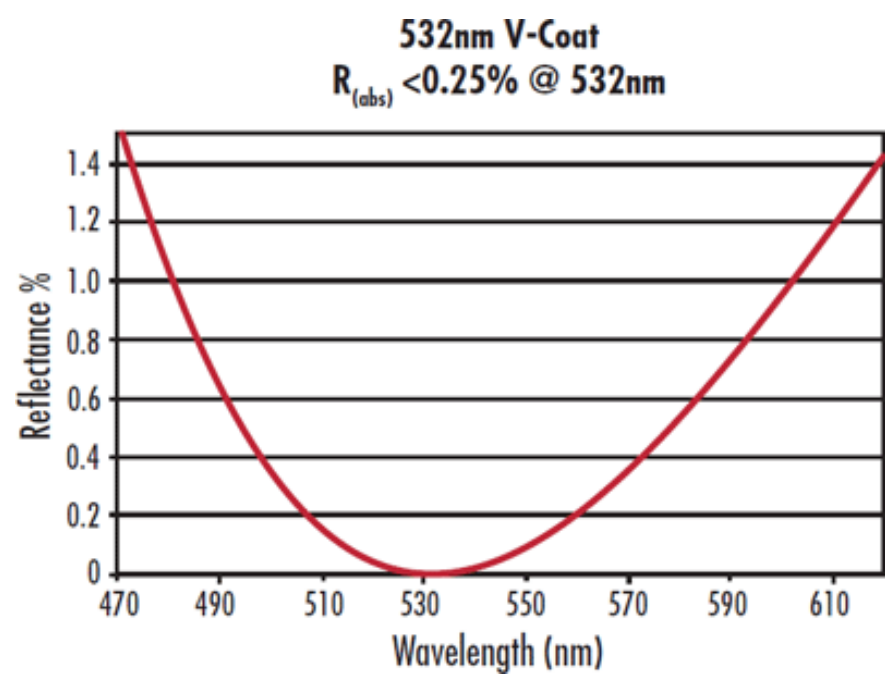
## PRODUCT DETAILS

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



## 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

