

TECHSPEC® 25.4mm Dia. x 35mm FL, 1064nm Coated, Laser Grade PCX Lens



TECHSPEC Laser Grade PCX Lenses

Stock **#38-721** **3 In Stock**

[Other Coating Options](#)

⊖ 1 ⊕ €215²⁷

ADD TO CART

Volume Pricing	
Qty 1-5	€215,27 each
Qty 6-25	€172,01 each
Qty 26-49	€157,59 each
Need More?	Request Quote

! Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Type:

Physical & Mechanical Properties

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

<1 **Centering (arcmin):**

9.53 ±0.10 **Center Thickness CT (mm):**

3.04 **Edge Thickness ET (mm):**

21.59 **Clear Aperture CA (mm):**

Protective as needed **Bevel:**

Optical Properties

35.00 @ 355nm **Effective Focal Length EFL (mm):**

28.55 **Back Focal Length BFL (mm):**

Laser V-Coat (1064nm) **Coating:**

$R_{\text{abs}} < 0.25\%$ @ 1064nm **Coating Specification:**

Fused Silica (Corning 7980) **Substrate:**

10-5 **Surface Quality:**

λ **Power (P-V) @ 632.8nm:**

$N/10$ **Irregularity (P-V) @ 632.8nm:**

±1 **Focal Length Tolerance (%):**

16.66 **Radius R_1 (mm):**

1.38 **f#:**

0.36 **Numerical Aperture NA:**

1064 **Design Wavelength DWL (nm):**

15 J/cm² @ 1064nm, 20ns, 20Hz **Damage Threshold, By Design:**

Regulatory Compliance

Compliant **RoHS 2015:**

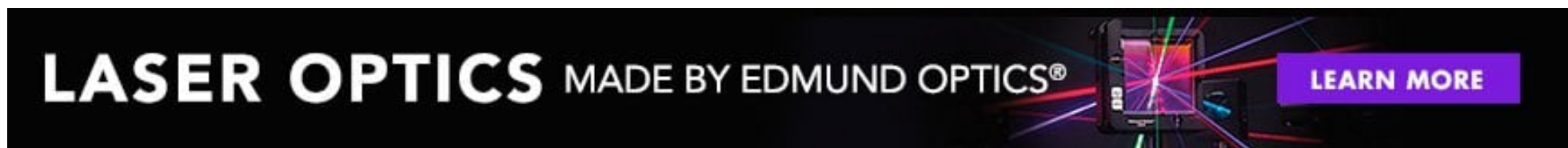
Compliant **Reach 209:**

View **Certificate of Conformance:**

PRODUCT DETAILS

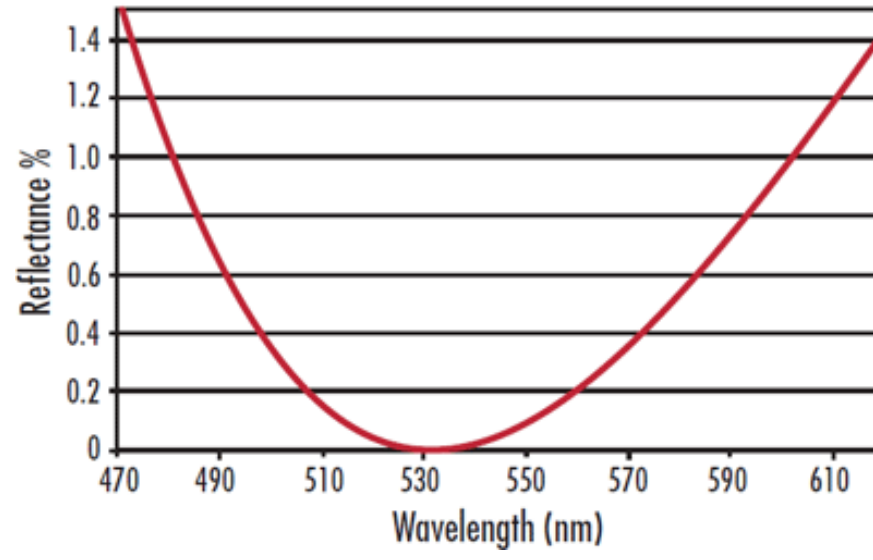
- Guaranteed Laser Damage Threshold
- 10-5 Surface Quality
- $N/10$ Surface Accuracy

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 $N/10$ 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.

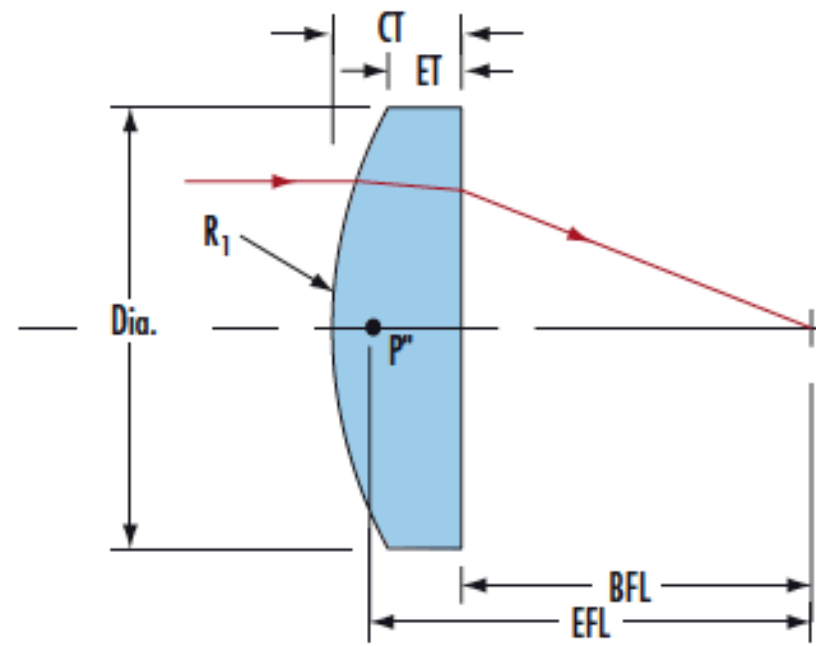
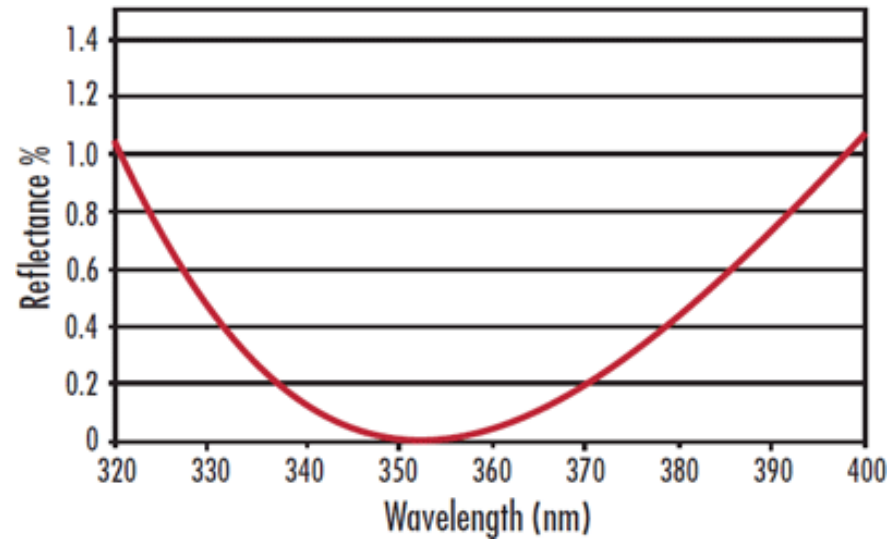


TECHNICAL INFORMATION

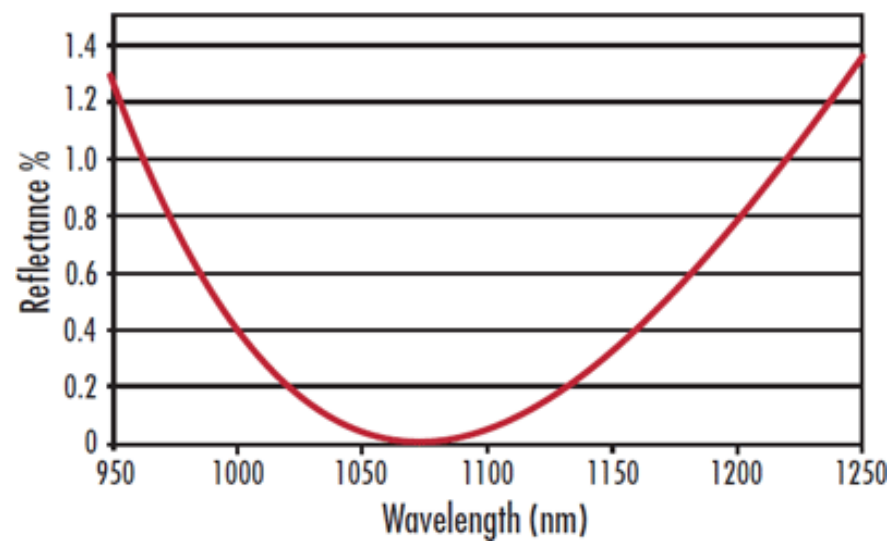
532nm V-Coat
 $R_{(abs)} < 0.25\% @ 532nm$



355nm V-Coat
 $R_{(abs)} < 0.25\% @ 355nm$



1064nm V-Coat
 $R_{(abs)} < 0.25\% @ 1064nm$



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
