

TECHSPEC® 25.0mm Dia x 75.0mm FL 405nm V-Coat, Cylinder Lens



Laser Line PCX Cylinder Lens

Stock #33-221 CLEARANCE **1 In Stock**

€39⁹⁵

ADD TO CART

Volume Pricing	
Qty 1+	€39,95 each
Need More?	Request Quote

! Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Cylinder Lens, Plano-Convex **Type:**

Coating: 405nm V-Coat **Note:**

Physical & Mechanical Properties

25.00 **Diameter (mm):**

Center Thickness CT (mm):

3.06

Center Thickness Tolerance (mm):

±0.1

Dimensional Tolerance (mm):

+0.0/-0.2

Edge Thickness ET (mm):

1.00

Optical Properties

Effective Focal Length EFL (mm):

75.00

Substrate:

N-BK7

f#:

3.00

Numerical Aperture NA:

0.17

Coating:

Laser V-Coat (405nm)

Wavelength Range (nm):

375 - 435

Back Focal Length BFL (mm):

72.89

Coating Specification:

R_{abs} <0.25% @ 405nm
R_{avg} <1.5% @ 375 - 435nm

Design Wavelength DWL (nm):

405

Focal Length Tolerance (%):

±3

Radius R₁ (mm):

38.89

Surface Quality:

60-40

Wavelength Range (µm):

0.375 - 0.435

Regulatory Compliance

RoHS 2015:

Compliant

Reach 224:

Compliant

Certificate of Conformance:

[View](#)

Product Details

- Round Sizes For Easy Integration
- Focus Light in Only One Direction
- Coated for Maximum Transmission at Common Laser Wavelengths

TECHSPEC® Laser Line PCX Cylinder Lenses are designed for applications that require laser light to be focused in only one direction. These cylindrical lenses can be used for focusing light into a slit or line scan detector, and feature round sizes to facilitate system integration. Additionally, TECHSPEC Laser Line PCX Cylinder Lenses can be used in pairs to collimate and circularize diode laser output. Multiple anti-reflection coating options are offered for common laser wavelengths, and provide less than 0.25% reflection at the laser output wavelength.

LASER OPTICS MADE BY EDMUND OPTICS®

[LEARN MORE](#)