

## TECHSPEC® 25.0mm Diameter x 85.0mm FL, 532nm V-Coat, PCX Lens



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



Stock #69-399 3-4 DAYS

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− 1 + **€53,00**

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Qty 1-9

€53,00

Qty 10+

€47,75

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ⓘ Prices shown are exclusive of VAT/local taxes

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Diameter (mm):  
25.00 +0.0/-0.025

**Effective Focal Length EFL (mm):**  
85.00 @ 587.6nm

**Back Focal Length BFL (mm):**  
82.17

**Coating:**  
Laser V-Coat (532nm)

**Coating Specification:**  
 $R_{\text{abs}} < 0.25\%$  @ 532nm

**Substrate:**   
[N-BK7](#)

**Surface Quality:**  
40-20

**Power (P-V) @ 632.8nm:**  
 $1.5\lambda$

**Irregularity (P-V) @ 632.8nm:**  
 $\lambda/4$

**Focal Length Tolerance (%):**  
 $\pm 1$

**Centering (arcmin):**  
<1

**Center Thickness CT (mm):**  
 $4.30 \pm 0.10$

**Edge Thickness ET (mm):**  
2.45

**Radius  $R_1$  (mm):**  
43.93

**Clear Aperture CA (mm):**  
24

**f#:**  
3.4

**Numerical Aperture NA:**  
0.15

**Design Wavelength DWL (nm):**  
532

**Type:**  
Plano-Convex Lens

**Bevel:**  
Protective bevel as needed

**Damage Threshold, By Design:**   
 $5 \text{ J/cm}^2$  @ 532nm, 10ns

## Regulatory Compliance

**RoHS 2015:**  
[Compliant](#)

**Certificate of Conformance:**  
[View](#)

**Reach 235:**  
[Compliant](#)