

TECHSPEC®

25mm Dia. x 50mm FL 633nm V-Coat, UV PCX Lens



Stock #34-117 3-4 DAYS  
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-

1

+

€160,00

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|                               |
|-------------------------------|
| Qty 1-5                       |
| €160,00                       |
| Qty 6+                        |
| €128,00                       |
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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):

|                                                                                                   |
|---------------------------------------------------------------------------------------------------|
| 50.00 @ 587.6nm                                                                                   |
| <b>Back Focal Length BFL (mm):</b><br>46.00                                                       |
| <b>Coating:</b><br>Laser V-Coat (633nm)                                                           |
| <b>Coating Specification:</b><br>R <sub>abs</sub> <0.25% @ 633nm                                  |
| <b>Substrate:</b> <input type="checkbox"/><br><a href="#">Fused Silica</a> (Corning 7980)         |
| <b>Surface Quality:</b><br>40-20                                                                  |
| <b>Power (P-V) @ 632.8nm:</b><br>1.5λ                                                             |
| <b>Irregularity (P-V) @ 632.8nm:</b><br>λ/4                                                       |
| <b>Focal Length Tolerance (%):</b><br>±1                                                          |
| <b>Centering (arcmin):</b><br>≤1                                                                  |
| <b>Center Thickness CT (mm):</b><br>5.84 ±0.10                                                    |
| <b>Edge Thickness ET (mm):</b><br>2.13                                                            |
| <b>Radius R<sub>1</sub> (mm):</b><br>22.92                                                        |
| <b>Clear Aperture CA (mm):</b><br>24                                                              |
| <b>f/#:</b><br>2.00                                                                               |
| <b>Numerical Aperture NA:</b><br>0.25                                                             |
| <b>Design Wavelength DWL (nm):</b><br>633                                                         |
| <b>Type:</b><br>Plano-Convex Lens                                                                 |
| <b>Bevel:</b><br>Protective bevel as needed                                                       |
| <b>Edges:</b><br>Fine Ground, Protective Bevel as Needed                                          |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br>5 J/cm <sup>2</sup> @ 633nm, 10ns |

### Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |
| <b>Reach 235:</b><br><a href="#">Compliant</a>             |