

TECHSPEC®

# 25.0mm Dia. x 500.0mm FL, VIS 0° Coated, Plano-Convex Lens



Stock **#47-356** ☐ In Stock  
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-

1

+

C\$58.10

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|                               |
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| Qty 1-9                       |
| C\$58.10                      |
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| C\$52.15                      |
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**Diameter (mm):**  
25.00 +0.0/-0.025

**Effective Focal Length EFL (mm):**  
500.00 @587.6nm

|                                                                                                   |
|---------------------------------------------------------------------------------------------------|
| <b>Back Focal Length BFL (mm):</b><br>497.89                                                      |
| <b>Coating:</b><br>VIS 0° (425-675nm)                                                             |
| <b>Coating Specification:</b><br>R <sub>avg</sub> ≤0.4% @ 425 - 675nm                             |
| <b>Substrate:</b> <input type="checkbox"/><br><a href="#">N-BK7</a>                               |
| <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>3.20 ±0.10                                                    |
| <b>Edge Thickness ET (mm):</b><br>2.90                                                            |
| <b>Radius R<sub>1</sub> (mm):</b><br>258.40                                                       |
| <b>Clear Aperture CA (mm):</b><br>24                                                              |
| <b>f/#:</b><br>20                                                                                 |
| <b>Numerical Aperture NA:</b><br>0.03                                                             |
| <b>Type:</b><br>Plano-Convex Lens                                                                 |
| <b>Bevel:</b><br>Protective bevel as needed                                                       |
| <b>Wavelength Range (nm):</b><br>425 - 675                                                        |
| <b>Damage Threshold, Reference:</b> <input type="checkbox"/><br>5 J/cm <sup>2</sup> @ 532nm, 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>             |