

TECHSPEC<sup>®</sup> 25mm Dia. x 125mm FL, NIR II Coated, Double-Convex Lens



Stock **#67-654-INK** 10-15 DAYS  
[Other Coating Options](#)

-

1

+

A\$86.40

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|                               |
|-------------------------------|
| Qty 1-9                       |
| A\$86.40                      |
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| A\$77.60                      |
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Diameter (mm):  
25.00 ±0.025

Back Focal Length BFL (mm):  
123.84

|                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Effective Focal Length EFL (mm):</b><br>125.00                                                                                                       |
| <b>Coating:</b><br>NIR II (750-1550nm)                                                                                                                  |
| <b>Coating Specification:</b><br>R <sub>abs</sub> ≤1.5% @ 750 - 800nm<br>R <sub>abs</sub> ≤1.0% @ 800 - 1550nm<br>R <sub>avg</sub> ≤0.7% @ 750 - 1550nm |
| <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>Centering (arcmin):</b><br><1                                                                                                                        |
| <b>Center Thickness CT (mm):</b><br>3.50                                                                                                                |
| <b>Center Thickness Tolerance (mm):</b><br>±0.10                                                                                                        |
| <b>Edge Thickness ET (mm):</b><br>2.28                                                                                                                  |
| <b>Radius R<sub>1</sub>=R<sub>2</sub> (mm):</b><br>128.65                                                                                               |
| <b>Clear Aperture CA (mm):</b><br>24.00                                                                                                                 |
| <b>f#:</b><br>5.00                                                                                                                                      |
| <b>Focal Length Specification Wavelength (nm):</b><br>587.6                                                                                             |
| <b>Focal Length Tolerance (%):</b><br>±1.00                                                                                                             |
| <b>Numerical Aperture NA:</b><br>0.10                                                                                                                   |
| <b>Type:</b><br>Double-Convex Lens                                                                                                                      |
| <b>Wavelength Range (nm):</b><br>750 - 1550                                                                                                             |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br>8 J/cm² @ 1064nm, 10ns                                                                  |

## Regulatory Compliance

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