

TECHSPEC®

# 25mm Dia. x 125mm FL, NIR I Coated, Double-Convex Lens



Stock **#49-495** 3-5 DAYS

[Other Coating Options](#)



1



A\$70.40

ADD TO CART

Qty 1-9

A\$70.40

Qty 10+

A\$63.20

Volume Pricing

[Request Quote](#)

Get Product Downloads



**Diameter (mm):**  
25.00 +0.0/-0.025

**Back Focal Length BFL (mm):**  
123.84

|                                                                                        |
|----------------------------------------------------------------------------------------|
| <b>Effective Focal Length EFL (mm):</b><br>125.00                                      |
| <b>Coating:</b><br>NIR I (600-1050nm)                                                  |
| <b>Coating Specification:</b><br>R <sub>avg</sub> ≤0.5% @ 600 - 1050nm                 |
| <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>Bevel:</b><br>Protective bevel as needed                                            |
| <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>Numerical Aperture NA:</b><br>0.10                                                  |
| <b>Type:</b><br>Double-Convex Lens                                                     |
| <b>Wavelength Range (nm):</b><br>600 - 1050                                            |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br>7 J/cm² @ 1064nm, 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>             |