

TECHSPEC®

25.0mm Diameter x -35 FL, NIR I Coated, Plano-Concave Lens



Stock #49-535 3-4 DAYS

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-

1

+

€44,50

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| Qty 1-9                       |
| €44,50                        |
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| €40,00                        |
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Diameter (mm):  
25.00 +0.0/-0.025

Effective Focal Length EFL (mm):

|                                                                       |
|-----------------------------------------------------------------------|
| -35.00                                                                |
| <b>Substrate:</b> <div>NSF11</div>                                    |
| <b>f#:</b><br>1.4                                                     |
| <b>Numerical Aperture NA:</b><br>0.36                                 |
| <b>Coating:</b><br>NIR I (600-1050nm)                                 |
| <b>Type:</b><br>Plano-Concave Lens                                    |
| <b>Wavelength Range (nm):</b><br>600 - 1050                           |
| <b>Back Focal Length BFL (mm):</b><br>-36.96                          |
| <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>Centering (arcmin):</b><br><1                                      |
| <b>Clear Aperture CA (mm):</b><br>24.00                               |
| <b>Coating Specification:</b><br>Ravg ≤0.5% @ 600 - 1050nm            |
| <b>Edge Thickness ET (mm):</b><br>6.36                                |
| <b>Focal Length Specification Wavelength (nm):</b><br>587.6           |
| <b>Focal Length Tolerance (%):</b><br>±1                              |
| <b>Radius R<sub>1</sub> (mm):</b><br>-27.47                           |
| <b>Surface Quality:</b><br>40-20                                      |
| <b>Damage Threshold, By Design:</b> <div>7 J/cm² @ 1064nm, 10ns</div> |
| <b>Power (P-V) @ 632.8nm:</b><br>1.5λ                                 |
| <b>Irregularity (P-V) @ 632.8nm:</b><br>λ/4                           |

## Regulatory Compliance

|                                            |
|--------------------------------------------|
| <b>RoHS 2015:</b><br>Compliant             |
| <b>Certificate of Conformance:</b><br>View |
| <b>Reach 235:</b><br>Compliant             |