

TECHSPEC®

## 2.5mm Dia. x 3.0mm FL, NIR I Coated, Plano-Convex Lens



Stock **#45-959** 3-4 DAYS

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-

1

+

€76,50

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|                               |
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| Qty 1-9                       |
| €76,50                        |
| Qty 10+                       |
| €68,75                        |
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Diameter (mm):  
2.50 +0.0/-0.025

Effective Focal Length EFL (mm):

|                                                                                                    |
|----------------------------------------------------------------------------------------------------|
| 3.00 @ 587.6nm                                                                                     |
| <b>Back Focal Length BFL (mm):</b><br>2.57                                                         |
| <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-LASF9</a>                              |
| <b>Surface Quality:</b><br>20-10                                                                   |
| <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>30-45, typical                                                       |
| <b>Center Thickness CT (mm):</b><br>0.80 ±0.05                                                     |
| <b>Edge Thickness ET (mm):</b><br>0.47                                                             |
| <b>Radius R<sub>1</sub> (mm):</b><br>2.55                                                          |
| <b>Clear Aperture CA (mm):</b><br>2                                                                |
| <b>f/#:</b><br>1.2                                                                                 |
| <b>Numerical Aperture NA:</b><br>0.42                                                              |
| <b>Type:</b><br>Plano-Convex Lens                                                                  |
| <b>Bevel:</b><br>Protective bevel as needed                                                        |
| <b>Wavelength Range (nm):</b><br>600 - 1050                                                        |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br>7 J/cm <sup>2</sup> @ 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>             |