

TECHSPEC®

9mm Diameter x -9 FL, VIS 0° Coated, Plano-Concave Lens



Stock **#48-268**

10 TO 12 DAYS

[Other Coating Options](#)

-

1

+

₹3,480.00

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|                               |
|-------------------------------|
| Qty 1-9                       |
| ₹3,480.00                     |
| Qty 10+                       |
| ₹3,132.00                     |
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Diameter (mm):  
9.00 +0.0/-0.025

Effective Focal Length EFL (mm):  
-9.00

|                                                                                                       |
|-------------------------------------------------------------------------------------------------------|
| <b>Substrate:</b> <div><div></div><div>N-SF11</div></div>                                             |
| <b>f/#:</b><br>1.00                                                                                   |
| <b>Numerical Aperture NA:</b><br>0.50                                                                 |
| <b>Coating:</b><br>VS 0° (425-675nm)                                                                  |
| <b>Type:</b><br>Plano-Concave Lens                                                                    |
| <b>Wavelength Range (nm):</b><br>425 - 675                                                            |
| <b>Back Focal Length BFL (mm):</b><br>-10.21                                                          |
| <b>Bevel:</b><br>Protective bevel as needed                                                           |
| <b>Center Thickness CT (mm):</b><br>2.25                                                              |
| <b>Center Thickness Tolerance (mm):</b><br>±0.05                                                      |
| <b>Centering (arcmin):</b><br><3                                                                      |
| <b>Clear Aperture CA (mm):</b><br>8.1                                                                 |
| <b>Coating Specification:</b><br>R <sub>avg</sub> ≤0.4% @ 425 - 675nm                                 |
| <b>Edge Thickness ET (mm):</b><br>3.63                                                                |
| <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>-7.07                                                            |
| <b>Surface Quality:</b><br>40-20                                                                      |
| <b>Damage Threshold, By Design:</b> <div><div></div><div>5 J/cm<sup>2</sup> @ 532nm, 10ns</div></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             |