

**TECHSPEC® 6mm Dia. x -9mm FL, VIS 0° Coated, Double-Concave Lens**



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1  **£32.73**

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| Qty 1-9                       |
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Diameter (mm):  
6.00 +0.0/-0.025

Effective Focal Length EFL (mm):

|                                                                           |
|---------------------------------------------------------------------------|
| -9.00                                                                     |
| <b>Substrate:</b> <a href="#">N-BK7</a>                                   |
| <b>f#:</b><br>1.5                                                         |
| <b>Numerical Aperture NA:</b><br>0.33                                     |
| <b>Coating:</b><br>VIS 0° (425-675nm)                                     |
| <b>Type:</b><br>Double-Concave Lens                                       |
| <b>Wavelength Range (nm):</b><br>425 - 675                                |
| <b>Back Focal Length BFL (mm):</b><br>-9.32                               |
| <b>Bevel:</b><br>Protective bevel as needed                               |
| <b>Center Thickness CT (mm):</b><br>1.00                                  |
| <b>Center Thickness Tolerance (mm):</b><br>±0.05                          |
| <b>Centering (arcmin):</b><br><3                                          |
| <b>Clear Aperture CA (mm):</b><br>5.4                                     |
| <b>Coating Specification:</b><br>R <sub>avg</sub> ≤0.4% @ 425 - 675nm     |
| <b>Edge Thickness ET (mm):</b><br>1.79                                    |
| <b>Focal Length Specification Wavelength (nm):</b><br>587.6               |
| <b>Focal Length Tolerance (%):</b><br>±1                                  |
| <b>Radius R<sub>1</sub>=R<sub>2</sub> (mm):</b><br>-9.47                  |
| <b>Surface Quality:</b><br>40-20                                          |
| <b>Damage Threshold, Reference:</b> <a href="#">5 J/cm² @ 532nm, 10ns</a> |
| <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><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |
| <b>Reach 235:</b><br><a href="#">Compliant</a>             |