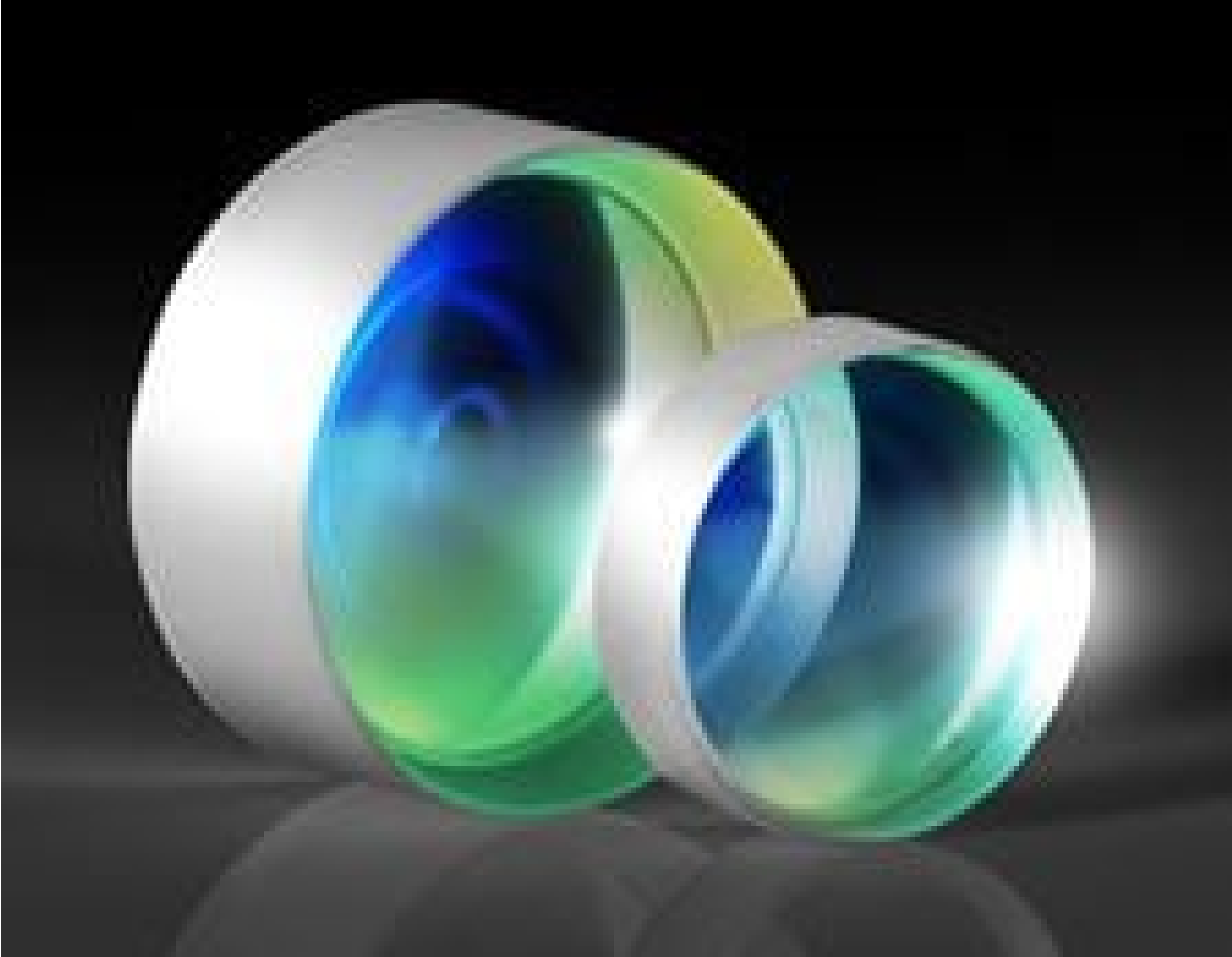


**TECHSPEC® 25mm Dia. x -50mm FL, NIR I Coated, Double-Concave Lens**



Stock **#49-551** [CONTACT US](#)  
[Other Coating Options](#)

- 1 + **€45,00**

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| Qty 1-9                       |
| €45,00                        |
| Qty 10+                       |
| €40,50                        |
| Volume Pricing                |
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ⓘ Prices shown are exclusive of VAT/local taxes

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

**Effective Focal Length EFL (mm):**

|                                                                                             |
|---------------------------------------------------------------------------------------------|
| -50.00                                                                                      |
| <b>Substrate:</b> <div><div></div><div>N-BK7</div></div>                                    |
| <b>f#:</b><br>2.00                                                                          |
| <b>Numerical Aperture NA:</b><br>0.25                                                       |
| <b>Coating:</b><br>NIR I (600-1050nm)                                                       |
| <b>Type:</b><br>Double-Concave Lens                                                         |
| <b>Wavelength Range (nm):</b><br>600 - 1050                                                 |
| <b>Back Focal Length BFL (mm):</b><br>-50.82                                                |
| <b>Bevel:</b><br>Protective bevel as needed                                                 |
| <b>Center Thickness CT (mm):</b><br>2.50                                                    |
| <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>5.40                                                      |
| <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>-52.10                                   |
| <b>Surface Quality:</b><br>40-20                                                            |
| <b>Damage Threshold, By Design:</b> <div><div></div><div>7 J/cm² @ 1064nm, 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             |