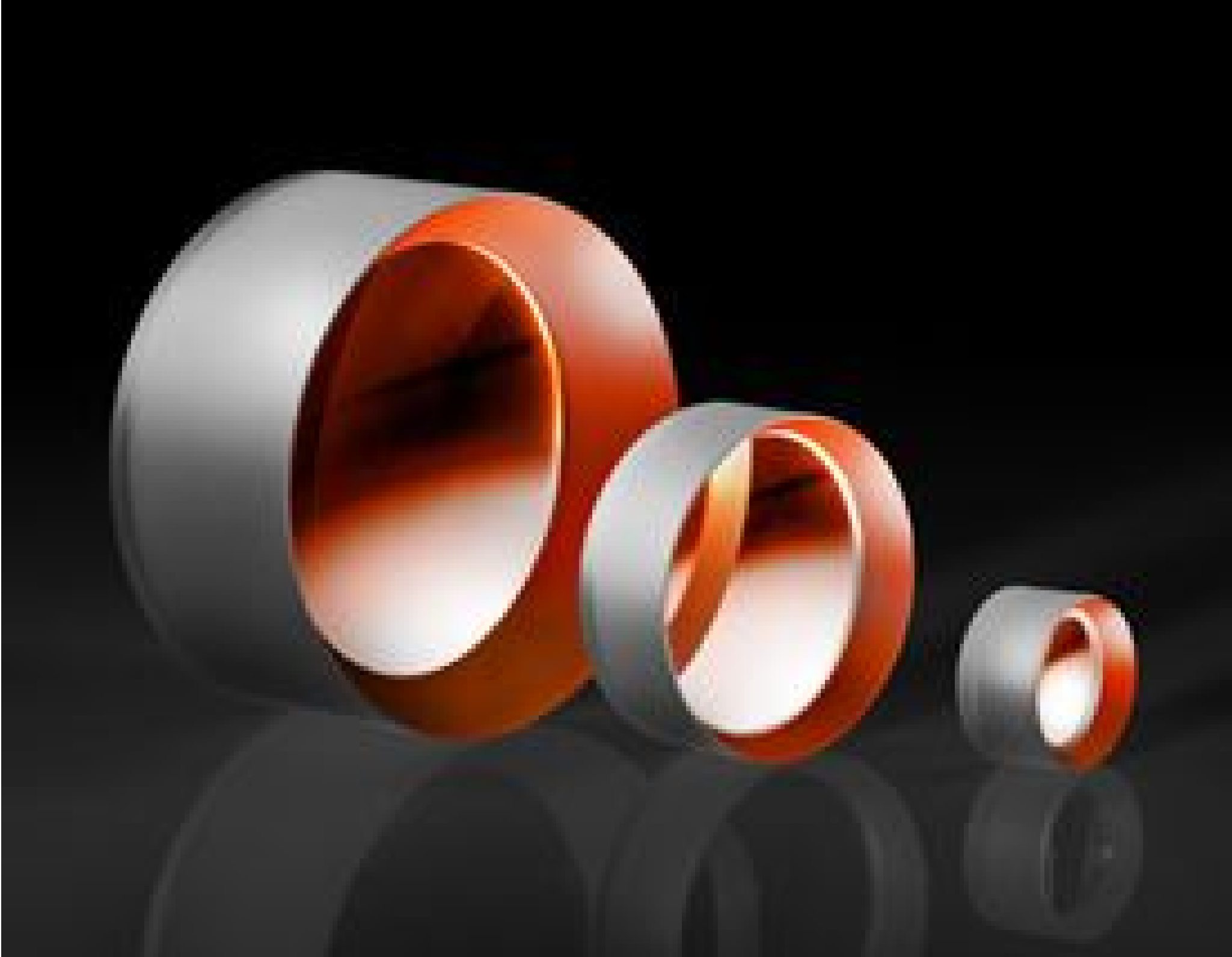


**TECHSPEC® 25mm Dia x -150mm FL Negative Doublet Lens MgF<sub>2</sub> Coated**



Stock **#45-423** ☐ In Stock

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1

**C\$151.20**

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

**Effective Focal Length EFL (mm):**  
-150.00

**Focal Length Tolerance (%):**  
±1

|                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Back Focal Length BFL (mm):</b><br>-152.63                                                                                                        |
| <b>Focal Length Specification Wavelength (nm):</b><br>587.6                                                                                          |
| <b>Clear Aperture CA (mm):</b><br>24.00                                                                                                              |
| <b>Centering (arcmin):</b><br><1                                                                                                                     |
| <b>Center Thickness CT (mm):</b><br>6.56 ±0.20                                                                                                       |
| <b>Center Thickness CT 1 (mm):</b><br>2.50 ±0.10                                                                                                     |
| <b>Center Thickness CT 2 (mm):</b><br>4.06 ±0.10                                                                                                     |
| <b>Radius R<sub>1</sub> (mm):</b><br>-92.30                                                                                                          |
| <b>Radius R<sub>2</sub> (mm):</b><br>68.87                                                                                                           |
| <b>Radius R<sub>3</sub> (mm):</b><br>204.15                                                                                                          |
| <b>Edge Thickness ET (mm):</b><br>7.73                                                                                                               |
| <b>Substrate:</b> <br><a href="#">N-BK7</a> / <a href="#">N-SF5</a> |
| <b>Surface Quality:</b><br>40-20                                                                                                                     |
| <b>f/#:</b><br>6.00                                                                                                                                  |
| <b>Numerical Aperture NA:</b><br>0.08                                                                                                                |
| <b>Coating:</b><br>MgF <sub>2</sub> (400-700nm)                                                                                                      |
| <b>Coating Specification:</b><br>R <sub>avg</sub> ≤1.75% @ 400 - 700nm                                                                               |
| <b>Power (P-V) @ 632.8nm:</b><br>1.5λ                                                                                                                |
| <b>Irregularity (P-V) @ 632.8nm:</b><br>λ/4                                                                                                          |
| <b>Bevel:</b><br>Protective bevel as needed                                                                                                          |
| <b>Type:</b><br>Negative Achromatic Lens                                                                                                             |
| <b>Wavelength Range (nm):</b><br>400 - 700                                                                                                           |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 219:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |