

**TECHSPEC® 6.25mm Dia. x 7.5mm FL, MgF<sub>2</sub> Coated, Achromatic Doublet Lens**



MgF<sub>2</sub> Coated Achromatic Lenses



Stock **#49-924** ☒ In Stock

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**C\$88.20**

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**Diameter (mm):**  
6.25 +0.0/-0.025

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

|                                                                                         |
|-----------------------------------------------------------------------------------------|
| 7.50                                                                                    |
| Focal Length Tolerance (%):<br>±1                                                       |
| Back Focal Length BFL (mm):<br>4.45                                                     |
| Focal Length Specification Wavelength (nm):<br>587.6                                    |
| Clear Aperture CA (mm):<br>5.625                                                        |
| Centering (arcmin):<br><3                                                               |
| Center Thickness CT (mm):<br>6.00 ±0.10                                                 |
| Center Thickness CT 1 (mm):<br>5.00 ±0.05                                               |
| Center Thickness CT 2 (mm):<br>1.00 ±0.05                                               |
| Radius R <sub>1</sub> (mm):<br>5.60                                                     |
| Radius R <sub>2</sub> (mm):<br>-3.71                                                    |
| Radius R <sub>3</sub> (mm):<br>-11.34                                                   |
| Edge Thickness ET (mm):<br>4.61                                                         |
| Substrate: <input type="checkbox"/><br><a href="#">N-BAF10</a> / <a href="#">N-SF57</a> |
| Surface Quality:<br>40-20                                                               |
| f/#:<br>1.2                                                                             |
| Numerical Aperture NA:<br>0.42                                                          |
| Coating:<br>MgF <sub>2</sub> (400-700nm)                                                |
| Coating Specification:<br>R <sub>avg</sub> ≤1.75% @400 - 700nm                          |
| Power (P-V) @ 632.8nm:<br>1.5λ                                                          |
| Irregularity (P-V) @ 632.8nm:<br>λ/4                                                    |
| Bevel:<br>Protective bevel as needed                                                    |
| Type:<br>Achromatic Lens                                                                |
| Wavelength Range (nm):<br>400 - 700                                                     |

## Regulatory Compliance

|                                                     |
|-----------------------------------------------------|
| RoHS 2015:<br><a href="#">Compliant</a>             |
| Reach 224:<br><a href="#">Compliant</a>             |
| Certificate of Conformance:<br><a href="#">View</a> |