

**TECHSPEC®** 4mm Dia. x 10mm FL, MgF<sub>2</sub> Coated, Achromatic Doublet Lens



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



Stock **#63-691** ☐ In Stock

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1  **£81.60**

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Diameter (mm):  
4.00 +0.0/-0.025

|                                                                                |
|--------------------------------------------------------------------------------|
| <b>Effective Focal Length EFL (mm):</b><br>10.00                               |
| <b>Focal Length Tolerance (%):</b><br>±1                                       |
| <b>Back Focal Length BFL (mm):</b><br>8.40                                     |
| <b>Focal Length Specification Wavelength (nm):</b><br>587.6                    |
| <b>Clear Aperture CA (mm):</b><br>3.6                                          |
| <b>Centering (arcmin):</b><br><3                                               |
| <b>Center Thickness CT (mm):</b><br>3.00 ±0.10                                 |
| <b>Center Thickness CT 1 (mm):</b><br>2.00 ±0.05                               |
| <b>Center Thickness CT 2 (mm):</b><br>1.00 ±0.05                               |
| <b>Radius R<sub>1</sub> (mm):</b><br>7.12                                      |
| <b>Radius R<sub>2</sub> (mm):</b><br>-4.22                                     |
| <b>Radius R<sub>3</sub> (mm):</b><br>-33.66                                    |
| <b>Edge Thickness ET (mm):</b><br>2.65                                         |
| <b>Substrate:</b> <input type="checkbox"/><br><a href="#">N-BAF10 / N-SF10</a> |
| <b>Surface Quality:</b><br>20-10                                               |
| <b>f/#:</b><br>2.5                                                             |
| <b>Numerical Aperture NA:</b><br>0.20                                          |
| <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>Achromatic Lens                                                |
| <b>Wavelength Range (nm):</b><br>400 - 700                                     |

## Regulatory Compliance

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