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SUBMIT

TECHSPEC® 12.5mm Dia. x 60mm FL, MgF<sub>2</sub> Coated, Inked, Achromatic Doublet Lens



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



Stock **#45-137-INK** ☒ In Stock

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1



€86,00

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Qty 1-5

€86,00

Qty 6+

€68,75

Volume Pricing

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Diameter (mm):  
12.50 ±0.025

|                                                                                             |
|---------------------------------------------------------------------------------------------|
| <b>Effective Focal Length EFL (mm):</b><br>60.00                                            |
| <b>Focal Length Tolerance (%):</b><br>±1                                                    |
| <b>Back Focal Length BFL (mm):</b><br>57.59                                                 |
| <b>Focal Length Specification Wavelength (nm):</b><br>587.6                                 |
| <b>Clear Aperture CA (mm):</b><br>11.50                                                     |
| <b>Centering (arcmin):</b><br><1                                                            |
| <b>Center Thickness CT (mm):</b><br>5.00 ±0.10                                              |
| <b>Center Thickness CT 1 (mm):</b><br>3.50 ±0.05                                            |
| <b>Center Thickness CT 2 (mm):</b><br>1.50 ±0.05                                            |
| <b>Radius R<sub>1</sub> (mm):</b><br>36.51                                                  |
| <b>Radius R<sub>2</sub> (mm):</b><br>-26.33                                                 |
| <b>Radius R<sub>3</sub> (mm):</b><br>-78.35                                                 |
| <b>Edge Thickness ET (mm):</b><br>4.21                                                      |
| <b>Substrate:</b> <input type="checkbox"/><br><a href="#">N-BK7</a> / <a href="#">N-SF5</a> |
| <b>Surface Quality:</b><br>40-20                                                            |
| <b>f/#:</b><br>4.8                                                                          |
| <b>Numerical Aperture NA:</b><br>0.10                                                       |
| <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:</b><br><a href="#">Compliant</a>                  |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |