

**TECHSPEC® 50mm Dia. x 300mm FL, VIS 0° Coated, Achromatic Lens**



Stock **#49-288** ☐ In Stock  
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1  **C\$252.00**

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| Qty 1-5                       |
| C\$252.00                     |
| Qty 6+                        |
| C\$201.60                     |
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**Diameter (mm):**  
50.00 +0.0/-0.025

**Effective Focal Length EFL (mm):**  
300.00

|                                                                                               |
|-----------------------------------------------------------------------------------------------|
| <b>Focal Length Tolerance (%)</b> :<br>±1                                                     |
| <b>Back Focal Length BFL (mm)</b> :<br>292.91                                                 |
| <b>Focal Length Specification Wavelength (nm)</b> :<br>587.6                                  |
| <b>Clear Aperture CA (mm)</b> :<br>49.00                                                      |
| <b>Centering (arcmin)</b> :<br><1                                                             |
| <b>Center Thickness CT (mm)</b> :<br>12.50 ±0.20                                              |
| <b>Center Thickness CT 1 (mm)</b> :<br>9.00 ±0.10                                             |
| <b>Center Thickness CT 2 (mm)</b> :<br>3.50 ±0.10                                             |
| <b>Radius R<sub>1</sub> (mm)</b> :<br>173.11                                                  |
| <b>Radius R<sub>2</sub> (mm)</b> :<br>-164.03                                                 |
| <b>Radius R<sub>3</sub> (mm)</b> :<br>-709.83                                                 |
| <b>Edge Thickness ET (mm)</b> :<br>10.24                                                      |
| <b>Substrate:</b> <input type="checkbox"/><br><a href="#">N-BAK4</a> / <a href="#">N-SF10</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>VIS 0° (425-675nm)                                                        |
| <b>Coating Specification</b> :<br>R <sub>avg</sub> ≤0.4% @ 425 - 675nm                        |
| <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>425 - 675                                                   |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 223:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |