

**TECHSPEC® 40mm Dia. x 500mm FL, VIS 0°, Inked, Achromatic Lens**



Stock **#49-283-INK** 3-5 DAYS  
[Other Coating Options](#)

- 1 + **C\$249.20**

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| Qty 1-5                       |
| C\$249.20                     |
| Qty 6+                        |
| C\$199.50                     |
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**Diameter (mm):**  
40.00 ±0.025

**Effective Focal Length EFL (mm):**  
500.00

|                                                                                              |
|----------------------------------------------------------------------------------------------|
| <b>Focal Length Tolerance (%)</b> :<br>±1                                                    |
| <b>Back Focal Length BFL (mm)</b> :<br>495.60                                                |
| <b>Focal Length Specification Wavelength (nm)</b> :<br>587.6                                 |
| <b>Clear Aperture CA (mm)</b> :<br>39.00                                                     |
| <b>Centering (arcmin)</b> :<br><1                                                            |
| <b>Center Thickness CT (mm)</b> :<br>10.00 ±0.20                                             |
| <b>Center Thickness CT 1 (mm)</b> :<br>6.00 ±0.10                                            |
| <b>Center Thickness CT 2 (mm)</b> :<br>4.00 ±0.10                                            |
| <b>Radius R<sub>1</sub> (mm)</b> :<br>305.31                                                 |
| <b>Radius R<sub>2</sub> (mm)</b> :<br>-224.08                                                |
| <b>Radius R<sub>3</sub> (mm)</b> :<br>-667.68                                                |
| <b>Edge Thickness ET (mm)</b> :<br>9.04                                                      |
| <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>12.5                                                                         |
| <b>Numerical Aperture NA</b> :<br>0.04                                                       |
| <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</b> :<br><a href="#">Compliant</a>                  |
| <b>Certificate of Conformance</b> :<br><a href="#">View</a> |