

**TECHSPEC® 12.7mm Dia. x 44.5mm FL, VIS 0°, Inked, Achromatic Lens**



Stock **#49-776-INK** 3-5 DAYS  
[Other Coating Options](#)

- 1 + **C\$127.40**

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| Qty 1-5                       |
| C\$127.40                     |
| Qty 6+                        |
| C\$101.85                     |
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**Diameter (mm):**  
12.70 ±0.025

**Effective Focal Length EFL (mm):**  
44.45

|                                                                                               |
|-----------------------------------------------------------------------------------------------|
| <b>Focal Length Tolerance (%)</b> :<br>±1                                                     |
| <b>Back Focal Length BFL (mm)</b> :<br>41.98                                                  |
| <b>Focal Length Specification Wavelength (nm)</b> :<br>587.6                                  |
| <b>Clear Aperture CA (mm)</b> :<br>11.70                                                      |
| <b>Centering (arcmin)</b> :<br><1                                                             |
| <b>Center Thickness CT (mm)</b> :<br>5.00 ±0.20                                               |
| <b>Center Thickness CT 1 (mm)</b> :<br>3.00 ±0.10                                             |
| <b>Center Thickness CT 2 (mm)</b> :<br>2.00 ±0.10                                             |
| <b>Radius R<sub>1</sub> (mm)</b> :<br>28.49                                                   |
| <b>Radius R<sub>2</sub> (mm)</b> :<br>-20.03                                                  |
| <b>Radius R<sub>3</sub> (mm)</b> :<br>-81.41                                                  |
| <b>Edge Thickness ET (mm)</b> :<br>4.04                                                       |
| <b>Substrate</b> : <input type="checkbox"/><br><a href="#">N-BAK1</a> / <a href="#">N-SF8</a> |
| <b>Surface Quality</b> :<br>40-20                                                             |
| <b>f/#</b> :<br>3.5                                                                           |
| <b>Numerical Aperture NA</b> :<br>0.14                                                        |
| <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> |