

**TECHSPEC® 20mm Dia. x 25mm FL, VIS-NIR, Inked, Achromatic Lens**



Stock **#49-956-INK** ☐ **In Stock**  
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1  **C\$159.60**

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**Diameter (mm):**  
20.00 ±0.025

**Effective Focal Length EFL (mm):**  
25.00

|                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Focal Length Tolerance (%):</b><br>±1                                                                                                            |
| <b>Back Focal Length BFL (mm):</b><br>18.71                                                                                                         |
| <b>Focal Length Specification Wavelength (nm):</b><br>587.6                                                                                         |
| <b>Clear Aperture CA (mm):</b><br>19.00                                                                                                             |
| <b>Centering (arcmin):</b><br><1                                                                                                                    |
| <b>Center Thickness CT (mm):</b><br>12.00 ±0.20                                                                                                     |
| <b>Center Thickness CT 1 (mm):</b><br>9.50 ±0.10                                                                                                    |
| <b>Center Thickness CT 2 (mm):</b><br>2.50 ±0.10                                                                                                    |
| <b>Radius R<sub>1</sub> (mm):</b><br>18.03                                                                                                          |
| <b>Radius R<sub>2</sub> (mm):</b><br>-13.27                                                                                                         |
| <b>Radius R<sub>3</sub> (mm):</b><br>-55.46                                                                                                         |
| <b>Edge Thickness ET (mm):</b><br>8.06                                                                                                              |
| <b>Substrate:</b> <input type="checkbox"/><br><a href="#">N-BAF10 / N-SF6</a>                                                                       |
| <b>Surface Quality:</b><br>40-20                                                                                                                    |
| <b>f/#:</b><br>1.25                                                                                                                                 |
| <b>Numerical Aperture NA:</b><br>0.40                                                                                                               |
| <b>Coating:</b><br>VIS-NIR (400-1000nm)                                                                                                             |
| <b>Coating Specification:</b><br>R <sub>abs</sub> ≤0.25% @ 880nm<br>R <sub>avg</sub> ≤1.25% @ 400 - 870nm<br>R <sub>avg</sub> ≤1.25% @ 890 - 1000nm |
| <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 - 1000                                                                                                         |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>REACH 201:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |