

TECHSPEC®

12.0mm Dia. x 20.0mm FL, NIR I, Inked, Plano-Convex Lens



Stock **#49-907-INK** 10-15 DAYS  
[Other Coating Options](#)

- 1 +

A\$84.00

ADD TO CART

|                               |
|-------------------------------|
| Qty 1-9                       |
| A\$84.00                      |
| Qty 10+                       |
| A\$75.60                      |
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**Diameter (mm):**  
12.00 ±0.025

**Effective Focal Length EFL (mm):**  
20.00 @ 587.6nm

|                                                                                                    |
|----------------------------------------------------------------------------------------------------|
| <b>Back Focal Length BFL (mm):</b><br>17.69                                                        |
| <b>Coating:</b><br>NIR I (600-1050nm)                                                              |
| <b>Coating Specification:</b><br>R <sub>avg</sub> ≤0.5% @ 600 - 1050nm                             |
| <b>Substrate:</b> <input type="checkbox"/><br><a href="#">N-BK7</a>                                |
| <b>Surface Quality:</b><br>40-20                                                                   |
| <b>Power (P-V) @ 632.8nm:</b><br>1.5λ                                                              |
| <b>Irregularity (P-V) @ 632.8nm:</b><br>λ/4                                                        |
| <b>Focal Length Tolerance (%):</b><br>±1                                                           |
| <b>Centering (arcmin):</b><br><1                                                                   |
| <b>Center Thickness CT (mm):</b><br>3.50 ±0.05                                                     |
| <b>Edge Thickness ET (mm):</b><br>1.58                                                             |
| <b>Radius R<sub>1</sub> (mm):</b><br>10.34                                                         |
| <b>Clear Aperture CA (mm):</b><br>11                                                               |
| <b>f/#:</b><br>1.67                                                                                |
| <b>Numerical Aperture NA:</b><br>0.30                                                              |
| <b>Type:</b><br>Plano-Convex Lens                                                                  |
| <b>Bevel:</b><br>Protective bevel as needed                                                        |
| <b>Wavelength Range (nm):</b><br>600 - 1050                                                        |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br>7 J/cm <sup>2</sup> @ 1064nm, 10ns |

## Regulatory Compliance

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