

**TECHSPEC® 6.0mm Diameter x -18 FL, NIR I Coated, Plano-Concave Lens**



Stock **#49-520** 3-5 DAYS

[Other Coating Options](#)

- 1 + **A\$62.40**

ADD TO CART

|                               |
|-------------------------------|
| Qty 1-9                       |
| A\$62.40                      |
| Qty 10+                       |
| A\$56.00                      |
| Volume Pricing                |
| <a href="#">Request Quote</a> |

Get Product Downloads



**Diameter (mm):**  
6.00 +0.0/-0.025

**Effective Focal Length EFL (mm):**  
-18.00

|                                                                                                            |
|------------------------------------------------------------------------------------------------------------|
| <div>Substrate: <div><div></div></div><div>N-BK7</div></div>                                               |
| <div>f/#:<br/>3.00</div>                                                                                   |
| <div>Numerical Aperture NA:<br/>0.17</div>                                                                 |
| <div>Coating:<br/>NIR I (600-1050nm)</div>                                                                 |
| <div>Type:<br/>Plano-Concave Lens</div>                                                                    |
| <div>Wavelength Range (nm):<br/>600 - 1050</div>                                                           |
| <div>Back Focal Length BFL (mm):<br/>-19.32</div>                                                          |
| <div>Bevel:<br/>Protective bevel as needed</div>                                                           |
| <div>Center Thickness CT (mm):<br/>2.00</div>                                                              |
| <div>Center Thickness Tolerance (mm):<br/>±0.05</div>                                                      |
| <div>Centering (arcmin):<br/>&lt;1</div>                                                                   |
| <div>Clear Aperture CA (mm):<br/>5.4</div>                                                                 |
| <div>Coating Specification:<br/>R<sub>avg</sub> ≤0.5% @ 600 - 1050nm</div>                                 |
| <div>Edge Thickness ET (mm):<br/>2.40</div>                                                                |
| <div>Focal Length Specification Wavelength (nm):<br/>587.6</div>                                           |
| <div>Focal Length Tolerance (%):<br/>±1</div>                                                              |
| <div>Radius R<sub>1</sub> (mm):<br/>-9.30</div>                                                            |
| <div>Surface Quality:<br/>40-20</div>                                                                      |
| <div>Damage Threshold, By Design: <div><div></div></div><div>7 J/cm<sup>2</sup> @ 1064nm, 10ns</div></div> |
| <div>Power (P-V) @ 632.8nm:<br/>1.5λ</div>                                                                 |
| <div>Irregularity (P-V) @ 632.8nm:<br/>λ/4</div>                                                           |

## Regulatory Compliance

|                                                 |
|-------------------------------------------------|
| <div>RoHS 2015:<br/>Compliant</div>             |
| <div>Certificate of Conformance:<br/>View</div> |
| <div>Reach 235:<br/>Compliant</div>             |