

TECHSPEC®

# 3mm Dia. x 9mm FL, NIR I Coated, Double-Convex Lens



Stock **#49-454** 10 TO 12 DAYS  
[Other Coating Options](#)

-

1

+

₹5,438.00

ADD TO CART

|                               |
|-------------------------------|
| Qty 1-9                       |
| ₹5,438.00                     |
| Qty 10+                       |
| ₹4,894.00                     |
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Diameter (mm):  
3.00 +0.0/-0.025

Back Focal Length BFL (mm):  
8.46

|                                                                                        |
|----------------------------------------------------------------------------------------|
| <b>Effective Focal Length EFL (mm):</b><br>9.00                                        |
| <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>20-10                                                       |
| <b>Power (P-V) @ 632.8nm:</b><br>1.5λ                                                  |
| <b>Irregularity (P-V) @ 632.8nm:</b><br>λ/4                                            |
| <b>Centering (arcmin):</b><br><3                                                       |
| <b>Bevel:</b><br>Protective bevel as needed                                            |
| <b>Center Thickness CT (mm):</b><br>1.60                                               |
| <b>Center Thickness Tolerance (mm):</b><br>±0.05                                       |
| <b>Edge Thickness ET (mm):</b><br>1.35                                                 |
| <b>Radius R<sub>1</sub>=R<sub>2</sub> (mm):</b><br>9.02                                |
| <b>Clear Aperture CA (mm):</b><br>2.5                                                  |
| <b>f/#:</b><br>3.00                                                                    |
| <b>Focal Length Specification Wavelength (nm):</b><br>587.6                            |
| <b>Numerical Aperture NA:</b><br>0.17                                                  |
| <b>Type:</b><br>Double-Convex Lens                                                     |
| <b>Wavelength Range (nm):</b><br>600 - 1050                                            |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br>7 J/cm² @ 1064nm, 10ns |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |
| <b>Reach 235:</b><br><a href="#">Compliant</a>             |