

TECHSPEC®

20mm Dia. x 50mm FL, NIR I Inked, Double-Convex Lens



Stock **#63-648-INK**

3-5 DAYS

[Other Coating Options](#)

-

1

+

C\$75.60

ADD TO CART

|                               |
|-------------------------------|
| Qty 1-9                       |
| C\$75.60                      |
| Qty 10+                       |
| C\$67.90                      |
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Diameter (mm):  
20.00 ±0.025

Back Focal Length BFL (mm):  
48.84

|                                                                                        |
|----------------------------------------------------------------------------------------|
| <b>Effective Focal Length EFL (mm):</b><br>50.00                                       |
| <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>40-20                                                       |
| <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><1                                                       |
| <b>Bevel:</b><br>Protective bevel as needed                                            |
| <b>Center Thickness CT (mm):</b><br>3.50                                               |
| <b>Center Thickness Tolerance (mm):</b><br>±0.10                                       |
| <b>Edge Thickness ET (mm):</b><br>1.52                                                 |
| <b>Radius R<sub>1</sub>=R<sub>2</sub> (mm):</b><br>51.08                               |
| <b>Clear Aperture CA (mm):</b><br>19.00                                                |
| <b>f/#:</b><br>2.5                                                                     |
| <b>Focal Length Specification Wavelength (nm):</b><br>587.6                            |
| <b>Numerical Aperture NA:</b><br>0.20                                                  |
| <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:</b><br><a href="#">Compliant</a>                  |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |