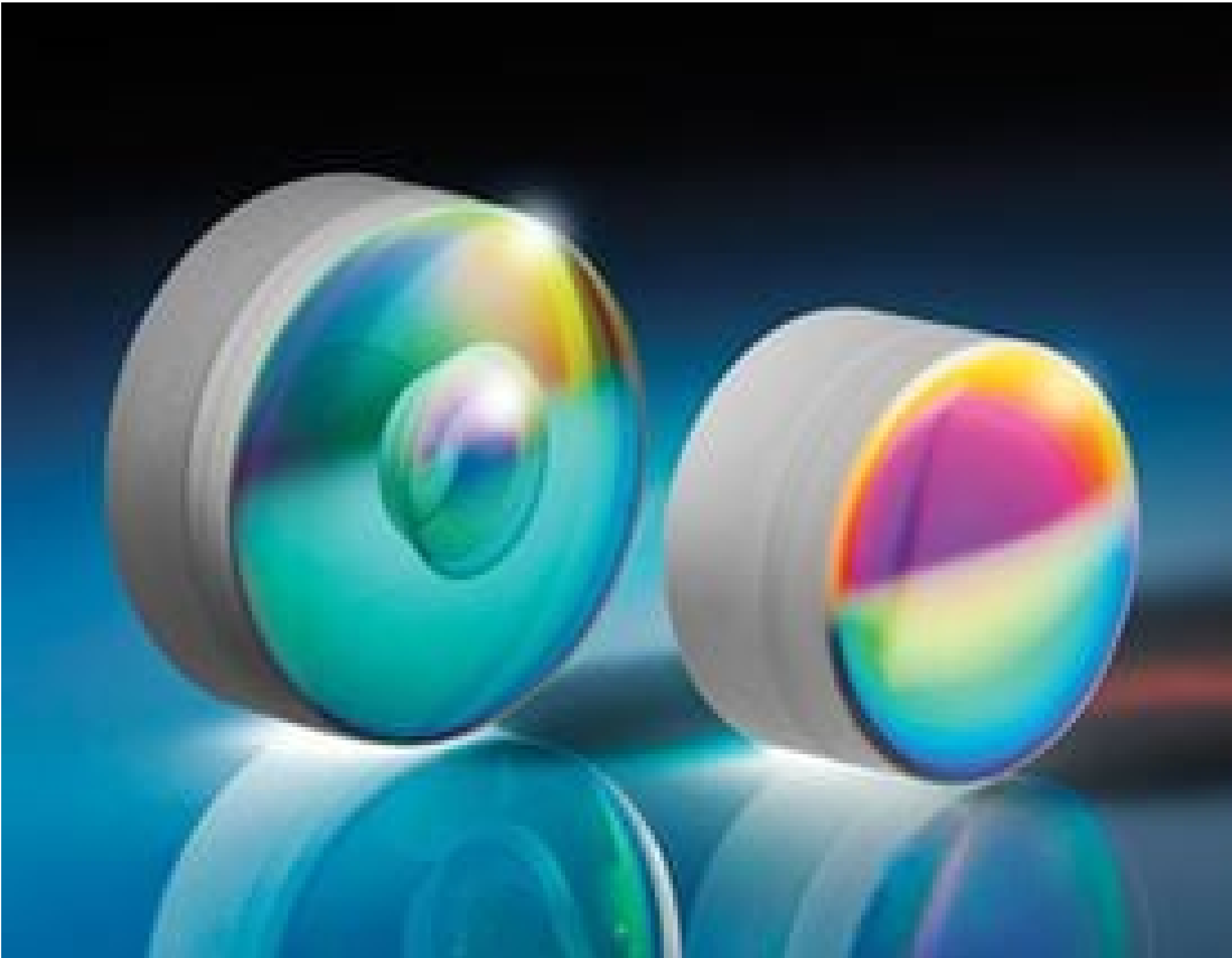


**TECHSPEC® 25mm Dia. x 40mm FL, NIR II Coated, Achromatic Lens**



Stock **#45-801** ☒ In Stock  
[Other Coating Options](#)

1  **€133,00**

ADD TO CART

|                               |
|-------------------------------|
| Qty 1-5                       |
| €133,00                       |
| Qty 6+                        |
| €106,50                       |
| Volume Pricing                |
| <a href="#">Request Quote</a> |

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):  
25.00 +0.0/-0.025

Effective Focal Length EFL (mm):

|                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 40.00                                                                                                                                                    |
| <b>Focal Length Tolerance (%):</b><br>±1                                                                                                                 |
| <b>Back Focal Length BFL (mm):</b><br>31.74                                                                                                              |
| <b>Focal Length Specification Wavelength (nm):</b><br>880.00                                                                                             |
| <b>Clear Aperture CA (mm):</b><br>24.00                                                                                                                  |
| <b>Centering (arcmin):</b><br><1                                                                                                                         |
| <b>Center Thickness CT (mm):</b><br>15.00 ±0.20                                                                                                          |
| <b>Center Thickness CT 1 (mm):</b><br>11.00 ±0.10                                                                                                        |
| <b>Center Thickness CT 2 (mm):</b><br>4.00 ±0.10                                                                                                         |
| <b>Radius R<sub>1</sub> (mm):</b><br>26.27                                                                                                               |
| <b>Radius R<sub>2</sub> (mm):</b><br>-22.26                                                                                                              |
| <b>Radius R<sub>3</sub> (mm):</b><br>-105.93                                                                                                             |
| <b>Edge Thickness ET (mm):</b><br>11.09                                                                                                                  |
| <b>Substrate:</b> <br><a href="#">N-LAK22</a> / <a href="#">N-SF6</a> |
| <b>Surface Quality:</b><br>40-20                                                                                                                         |
| <b>f/#:</b><br>1.6                                                                                                                                       |
| <b>Numerical Aperture NA:</b><br>0.31                                                                                                                    |
| <b>Coating:</b><br>NIR II (750-1550nm)                                                                                                                   |
| <b>Coating Specification:</b><br>R <sub>abs</sub> ≤1.5% @ 750 - 800nm<br>R <sub>abs</sub> ≤1.0% @ 800 - 1550nm<br>R <sub>avg</sub> ≤0.7% @ 750 - 1550nm  |
| <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>750 - 1550                                                                                                              |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 224:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |