

**TECHSPEC®** 50mm Dia x 25mm FL 3-5µm Coated, Ge Aspheric Lens



Stock **#87-995** 3-4 DAYS

[Other Coating Options](#)

- 1 + **€1.888,00**

ADD TO CART

|                               |
|-------------------------------|
| Qty 1-5                       |
| €1.888,00                     |
| Qty 6+                        |
| €1.510,40                     |
| Volume Pricing                |
| <a href="#">Request Quote</a> |

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads

**Diameter (mm):**  
50.00 +0.0/-0.1

**Effective Focal Length EFL (mm):**  
25.00 @ 4000nm

**Numerical Aperture NA:**  
1.00

|                                                                   |
|-------------------------------------------------------------------|
| <b>Back Focal Length BFL (mm):</b><br>20.64                       |
| <b>Substrate:</b> <input type="checkbox"/><br>Germanium (Ge)      |
| <b>Aspheric Design Wavelength (nm):</b><br>4000                   |
| <b>Asphere Figure Error, RMS @ 632.8nm:</b><br>λ/6                |
| <b>Coating:</b><br>BBAR (3000-5000nm)                             |
| <b>Coating Specification:</b><br>R <sub>avg</sub> <3.0% @ 3 - 5μm |
| <b>Centering (arcmin):</b><br>≤5                                  |
| <b>Surface Quality:</b><br>60-40                                  |
| <b>Clear Aperture CA (mm):</b><br>45                              |
| <b>Edge Thickness ET (mm):</b><br>2.5                             |
| <b>Center Thickness CT (mm):</b><br>7.75 ±0.10                    |
| <b>f/#:</b><br>0.5                                                |
| <b>Bevel:</b><br>Protective bevel as needed                       |
| <b>Edges:</b><br>Diamond Turned                                   |
| <b>Radius R<sub>2</sub> (mm):</b><br>49.34                        |
| <b>Shape of Back Surface:</b><br>Concave                          |
| <b>Type:</b><br>Aspheric Lens                                     |
| <b>Wavelength Range (nm):</b><br>3000 - 5000                      |
| <b>Conjugate Distance:</b><br>Infinite                            |

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>             |