

**TECHSPEC® 50mm Dia x 25mm FL 8-12µm Coated, Ge Aspheric Lens**



Stock **#87-997** 10 TO 12 DAYS  
[Other Coating Options](#)

- 1 + **₹164,256.00**

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|                               |
|-------------------------------|
| Qty 1-5                       |
| ₹164,256.00                   |
| Qty 6+                        |
| ₹131,405.00                   |
| Volume Pricing                |
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Diameter (mm):  
50.00 +0.0/-0.1

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

Numerical Aperture NA:  
1.00

Back Focal Length BFL (mm):

|                                                                    |
|--------------------------------------------------------------------|
| 20.64                                                              |
| <b>Substrate:</b> <div>Germanium (Ge)</div>                        |
| <b>Aspheric Design Wavelength (nm):</b><br>4000                    |
| <b>Asphere Figure Error, RMS @ 632.8nm:</b><br>λ/6                 |
| <b>Coating:</b><br>BBAR (8000-12000nm)                             |
| <b>Coating Specification:</b><br>R <sub>avg</sub> <3.0% @ 8 - 12μm |
| <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>8000 - 12000                      |
| <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>             |