

TECHSPEC<sup>®</sup> 50mm Dia. x 50mm FL, 8-12μm Coated Germanium Meniscus Lens



Stock #87-970

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1



£924.80

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Qty 1-5

£924.80

Qty 6+

£739.84

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Diameter (mm):  
50.00 +0.0/-0.1

Effective Focal Length EFL (mm):  
50.00

Substrate: ☐  
Germanium (Ge)

f/#:

|                                                                    |
|--------------------------------------------------------------------|
| 1.00                                                               |
| <b>Numerical Aperture NA:</b><br>0.50                              |
| <b>Coating:</b><br>BBAR (8000-12000nm)                             |
| <b>Type:</b><br>Meniscus Lens                                      |
| <b>Wavelength Range (nm):</b><br>8000 - 12000                      |
| <b>Back Focal Length BFL (mm):</b><br>46.69                        |
| <b>Center Thickness CT (mm):</b><br>5.00                           |
| <b>Center Thickness Tolerance (mm):</b><br>±0.10                   |
| <b>Centering (arcmin):</b><br><3                                   |
| <b>Clear Aperture (%):</b><br>90.00                                |
| <b>Coating Specification:</b><br>R <sub>avg</sub> <3.0% @ 8 - 12µm |
| <b>Edge Thickness ET (mm):</b><br>2.6                              |
| <b>Focal Length Specification Wavelength (µm):</b><br>10.6         |
| <b>Radius R<sub>1</sub> (mm):</b><br>56.64                         |
| <b>Radius R<sub>2</sub> (mm):</b><br>84.91                         |
| <b>Surface Quality:</b><br>60-40                                   |
| <b>Wavelength Range (µm):</b><br>8 - 12                            |

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>             |