

TECHSPEC<sup>®</sup>

# 50mm Dia., 0.66 Numerical Aperture, 900-1700nm Coated, Inked, High Precision Aspheric Lens



TECHSPEC® Precision Aspheric Lenses

Stock **#17-011-INK** [CONTACT US](#)

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1



£535.50

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Qty 1-5

£535.50

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Diameter (mm):  
50.00 ±0.025

Effective Focal Length EFL (mm):

|                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------|
| 37.50 @ 587.6nm                                                                                                                       |
| <b>Numerical Aperture NA:</b><br>0.66                                                                                                 |
| <b>Back Focal Length BFL (mm):</b><br>24.74                                                                                           |
| <b>Substrate:</b> <a href="#">NSF5</a>                                                                                                |
| <b>Asphere Figure Error, RMS @ 632.8nm:</b><br>0.4λ                                                                                   |
| <b>Coating:</b><br>SWR+ (900-1700nm)                                                                                                  |
| <b>Coating Specification:</b><br>R <sub>avg</sub> <0.5% @ 900 - 1700nm @ ±30° AOI<br>R <sub>abs</sub> <1.5% @ 900 - 1700nm @ ±30° AOI |
| <b>Centering (arcmin):</b><br><3                                                                                                      |
| <b>Surface Quality:</b><br>40-20                                                                                                      |
| <b>Clear Aperture CA (mm):</b><br>45.00                                                                                               |
| <b>Edge Thickness ET (mm):</b><br>7.47                                                                                                |
| <b>Center Thickness CT (mm):</b><br>21.34 ±0.10                                                                                       |
| <b>f#:</b><br>0.75                                                                                                                    |
| <b>Bevel:</b><br>Protective bevel as needed                                                                                           |
| <b>Shape of Back Surface:</b><br>Plano                                                                                                |
| <b>Type:</b><br>Aspheric Lens                                                                                                         |
| <b>Wavelength Range (nm):</b><br>900 - 1700                                                                                           |
| <b>Conjugate Distance:</b><br>Infinite                                                                                                |

Regulatory Compliance

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