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SUBMIT



TECHSPEC® Near-Infrared (NIR) Aspheric Lenses

Stock #16-300 3-4 DAYS

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1



€560,00

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Qty 1-5

€560,00

Qty 6+

€448,00

Volume Pricing

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Diameter (mm):  
50.00 +0.00/-0.10

Effective Focal Length EFL (mm):  
40.00 @ 780nm

Numerical Aperture NA:

|                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------|
| 0.63                                                                                                                |
| <b>Back Focal Length BFL (mm):</b><br>31.28                                                                         |
| <b>Substrate:</b> <a href="#">S-LAH64</a>                                                                           |
| <b>Aspheric Design Wavelength (nm):</b><br>780                                                                      |
| <b>Asphere Figure Error, RMS @ 632.8nm:</b><br>1.2λ                                                                 |
| <b>Coating:</b><br>SWIR+ (900-1700nm)                                                                               |
| <b>Coating Specification:</b><br>Ravg < 0.5% @ 900 - 1700nm @ 0° ±30° AOI<br>Rabs < 1% @ 900 - 1700nm @ 0° ±30° AOI |
| <b>Centering (arcmin):</b><br><3                                                                                    |
| <b>Surface Quality:</b><br>40-20                                                                                    |
| <b>Clear Aperture CA (mm):</b><br>45                                                                                |
| <b>Edge Thickness ET (mm):</b><br>4.90                                                                              |
| <b>Center Thickness CT (mm):</b><br>15.50 ±0.10                                                                     |
| <b>f/#:</b><br>0.80                                                                                                 |
| <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                                                                              |
| <b>Power (diopters):</b><br>25.00                                                                                   |

Regulatory Compliance

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