

TECHSPEC®

25.4mm Dia x 50.8mm FL, 532nm V-Coat, High Precision Laser Grade Aspheric Lens



High Precision Laser Grade Aspheric Lenses

Stock #39-558 3-4 DAYS

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€825,00

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Qty 1+

€825,00

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Diameter (mm):  
25.40 +0.00/-0.05

Effective Focal Length EFL (mm):  
50.80 @ 532nm

Numerical Aperture NA:  
0.25

|                                                                                                          |
|----------------------------------------------------------------------------------------------------------|
| <b>Back Focal Length BFL (mm):</b><br>45.36                                                              |
| <b>Substrate:</b> <input type="checkbox"/><br><a href="#">Fused Silica</a> (Coming 7980)                 |
| <b>Aspheric Design Wavelength (nm):</b><br>532                                                           |
| <b>Asphere Figure Error, RMS @ 632.8nm:</b><br>λ/40                                                      |
| <b>Coating:</b><br>Laser V-Coat (532nm)                                                                  |
| <b>Coating Specification:</b><br>R <sub>abs</sub> <0.25% @ 532nm                                         |
| <b>Centering (arcmin):</b><br><1                                                                         |
| <b>Surface Quality:</b><br>10-5                                                                          |
| <b>Clear Aperture CA (mm):</b><br>21.40                                                                  |
| <b>Edge Thickness ET (mm):</b><br>4.40                                                                   |
| <b>Center Thickness CT (mm):</b><br>7.90                                                                 |
| <b>f/#:</b><br>2                                                                                         |
| <b>Bevel:</b><br>Protective bevel as needed                                                              |
| <b>Shape of Back Surface:</b><br>Plano                                                                   |
| <b>Type:</b><br>Aspheric Lens                                                                            |
| <b>Strehl Ratio:</b><br>>0.8                                                                             |
| <b>Spot Size (μm):</b><br>See Technical Information Tab                                                  |
| <b>Conjugate Distance:</b><br>Infinite                                                                   |
| <b>Note:</b><br>Strehl Ratio is >0.8 by design and tested                                                |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br>10 J/cm <sup>2</sup> @ 532nm, 20ns, 20Hz |
| <b>Power (diopters):</b><br>19.69                                                                        |

## Regulatory Compliance

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