

TECHSPEC<sup>®</sup> 10mm Dia 0.50 NA, NIR Coated, UV Fused Silica Aspheric Lens



TECHSPEC UV Fused Silica Aspheric Lenses



Stock **#87-990** 3-5 DAYS

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− 1 +

A\$600.00

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Diameter (mm):  
10.00 +0.0/-0.1

Effective Focal Length EFL (mm):

|                                                                        |
|------------------------------------------------------------------------|
| 10.00 @ 587.6nm                                                        |
| <b>Numerical Aperture NA:</b><br>0.50                                  |
| <b>Back Focal Length BFL (mm):</b><br>5.89                             |
| <b>Substrate:</b> <a href="#">Fused Silica</a> (Corning 7980)          |
| <b>Aspheric Design Wavelength (nm):</b><br>587.6                       |
| <b>Asphere Figure Error, RMS @ 632.8nm:</b><br>1.2λ                    |
| <b>Coating:</b><br>NIR (600-1050nm)                                    |
| <b>Coating Specification:</b><br>R <sub>avg</sub> ≤1.5% @ 600 - 1050nm |
| <b>Centering (arcmin):</b><br>≤5                                       |
| <b>Surface Quality:</b><br>60-40                                       |
| <b>Clear Aperture CA (mm):</b><br>8                                    |
| <b>Edge Thickness ET (mm):</b><br>2.77                                 |
| <b>Center Thickness CT (mm):</b><br>6.00 ±0.1                          |
| <b>f/#:</b><br>1.00                                                    |
| <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>600 - 1050                            |
| <b>Conjugate Distance:</b><br>Infinite                                 |
| <b>Power (diopters):</b><br>100.00                                     |

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>             |