

TECHSPEC®

## 20mm Dia., 0.50 Numerical Aperture, 350-700nm Coated, Precision Aspheric Lens



TECHSPEC® Precision Aspheric Lenses

Stock **#16-955** 3-5 DAYS

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- 1 + **A\$520.00**

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Qty 1-5

A\$520.00

Qty 6+

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**Diameter (mm):**  
20.00 +0.00/-0.025

**Effective Focal Length EFL (mm):**  
20.00 @ 587.6nm

**Numerical Aperture NA:**  
0.50

|                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Back Focal Length BFL (mm):</b><br>13.31                                                                                         |
| <b>Substrate:</b> <a href="#">N-SF5</a>                                                                                             |
| <b>Asphere Figure Error, RMS @ 632.8nm:</b><br>0.4λ                                                                                 |
| <b>Coating:</b><br>VIS-EXT+ (350-700nm)                                                                                             |
| <b>Coating Specification:</b><br>R <sub>avg</sub> <0.5% @ 350 - 700nm @ ±30° AOI<br>R <sub>abs</sub> <1.5% @ 350 - 700nm @ ±30° AOI |
| <b>Centering (arcmin):</b><br><3                                                                                                    |
| <b>Surface Quality:</b><br>40-20                                                                                                    |
| <b>Clear Aperture CA (mm):</b><br>18.00                                                                                             |
| <b>Edge Thickness ET (mm):</b><br>7.23                                                                                              |
| <b>Center Thickness CT (mm):</b><br>11.20 ±0.10                                                                                     |
| <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>350 - 700                                                                                          |
| <b>Conjugate Distance:</b><br>Infinite                                                                                              |
| <b>Power (diopters):</b><br>50.00                                                                                                   |

Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |
| <b>Reach 233:</b><br><a href="#">Compliant</a>             |