

TECHSPEC®

20mm Dia., 0.50 Numerical Aperture, 600-1050nm Coated, Precision Aspheric Lens



TECHSPEC® Precision Aspheric Lenses

Stock #16-975 3-4 DAYS

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1



€325,00

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Qty 1-5

€325,00

Qty 6+

€260,00

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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>NIR+ (600-1050nm)                                                                          |
| <b>Coating Specification:</b><br>Ravg <0.5% @ 600 - 1050nm @ ±30° AOI<br>Rabs <1.5% @ 600 - 1050nm @ ±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>600 - 1050                                                                   |
| <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>             |