

TECHSPEC®

# 30mm Dia. x 75mm FL Uncoated, Double-Convex Lens



Stock **#45-165** ☐ In Stock  
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-

1

+

C\$56.70

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| Qty 1-9                       |
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| C\$51.10                      |
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Diameter (mm):  
30.00 +0.0/-0.025

Back Focal Length BFL (mm):  
73.35

|                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------|
| <b>Effective Focal Length EFL (mm):</b><br>75.00                                                                             |
| <b>Coating:</b><br>Uncoated                                                                                                  |
| <b>Substrate:</b> <br><a href="#">N-BK7</a> |
| <b>Surface Quality:</b><br>40-20                                                                                             |
| <b>Power (P-V) @ 632.8nm:</b><br>1.5λ                                                                                        |
| <b>Irregularity (P-V) @ 632.8nm:</b><br>λ/4                                                                                  |
| <b>Centering (arcmin):</b><br><1                                                                                             |
| <b>Bevel:</b><br>Protective bevel as needed                                                                                  |
| <b>Center Thickness CT (mm):</b><br>4.96                                                                                     |
| <b>Center Thickness Tolerance (mm):</b><br>±0.10                                                                             |
| <b>Edge Thickness ET (mm):</b><br>2.00                                                                                       |
| <b>Radius R<sub>1</sub>=R<sub>2</sub> (mm):</b><br>76.67                                                                     |
| <b>Clear Aperture CA (mm):</b><br>29.00                                                                                      |
| <b>f/#:</b><br>2.5                                                                                                           |
| <b>Focal Length Specification Wavelength (nm):</b><br>587.6                                                                  |
| <b>Focal Length Tolerance (%):</b><br>±1                                                                                     |
| <b>Numerical Aperture NA:</b><br>0.20                                                                                        |
| <b>Type:</b><br>Double-Convex Lens                                                                                           |
| <b>Wavelength Range (nm):</b><br>350 - 2200                                                                                  |

### 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>             |