

TECHSPEC®

# 1.0mm Dia. x 1.0mm FL, Uncoated, Plano-Convex Lens



Stock **#45-589** [CONTACT US](#)

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1



C\$91.00

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|                               |
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| Qty 1-9                       |
| C\$91.00                      |
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Diameter (mm):  
1.00 +0.0/-0.025

Effective Focal Length EFL (mm):  
1.00 @ 587.6nm

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| <b>Back Focal Length BFL (mm):</b><br>0.57                                                          |
| <b>Coating:</b><br>Uncoated                                                                         |
| <b>Substrate:</b>  |
| <b>Surface Quality:</b><br>20-10                                                                    |
| <b>Power (P-V) @ 632.8nm:</b><br>1.5λ                                                               |
| <b>Irregularity (P-V) @ 632.8nm:</b><br>λ/4                                                         |
| <b>Focal Length Tolerance (%):</b><br>±1                                                            |
| <b>Centering (arcmin):</b><br>30-45, typical                                                        |
| <b>Center Thickness CT (mm):</b><br>0.80 ±0.05                                                      |
| <b>Edge Thickness ET (mm):</b><br>0.64                                                              |
| <b>Radius R<sub>1</sub> (mm):</b><br>0.85                                                           |
| <b>Clear Aperture CA (mm):</b><br>0.5                                                               |
| <b>f#:</b><br>1                                                                                     |
| <b>Numerical Aperture NA:</b><br>0.50                                                               |
| <b>Type:</b><br>Plano-Convex Lens                                                                   |
| <b>Bevel:</b><br>Protective bevel as needed                                                         |
| <b>Wavelength Range (nm):</b><br>400 - 2500                                                         |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 219:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |