

**TECHSPEC® 20.0mm Dia. x 80.0mm FL, Uncoated, Plano-Convex Lens**



Stock **#45-439** 3-5 DAYS

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**S\$42.05**

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**Diameter (mm):**  
20.00 +0.0/-0.025

**Effective Focal Length EFL (mm):**  
80.00 @ 587.6nm

|                                                                     |
|---------------------------------------------------------------------|
| <b>Back Focal Length BFL (mm):</b><br>78.45                         |
| <b>Coating:</b><br>Uncoated                                         |
| <b>Substrate:</b> <input type="checkbox"/><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>Focal Length Tolerance (%):</b><br>±1                            |
| <b>Centering (arcmin):</b><br><1                                    |
| <b>Center Thickness CT (mm):</b><br>2.35 ±0.10                      |
| <b>Edge Thickness ET (mm):</b><br>1.13                              |
| <b>Radius R<sub>1</sub> (mm):</b><br>41.48                          |
| <b>Clear Aperture CA (mm):</b><br>19                                |
| <b>f#:</b><br>4                                                     |
| <b>Numerical Aperture NA:</b><br>0.13                               |
| <b>Type:</b><br>Plano-Convex Lens                                   |
| <b>Bevel:</b><br>Protective bevel as needed                         |
| <b>Wavelength Range (nm):</b><br>350 - 2200                         |

## 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> |

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