

**TECHSPEC® 20.0mm Diameter x 80.0mm FL, 633nm V-Coat, PCX Lens**



633nm Laser Line Coated Plano-Convex (PCX) Lenses



Stock **#89-011** 3-5 DAYS

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⊖ 1 ⊕

**A\$84.80**

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Qty 1-9

A\$84.80

Qty 10+

A\$76.40

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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>Laser V-Coat (633nm)                                               |
| <b>Coating Specification:</b><br>R <sub>abs</sub> <0.25% @ 633nm                      |
| <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>4.00                                                                   |
| <b>Numerical Aperture NA:</b><br>0.12                                                 |
| <b>Design Wavelength DWL (nm):</b><br>633                                             |
| <b>Type:</b><br>Plano-Convex Lens                                                     |
| <b>Bevel:</b><br>Protective bevel as needed                                           |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br>5 J/cm² @ 633nm, 10ns |

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>             |