

**TECHSPEC® 10.0mm Diameter x 20.0mm FL, 633nm V-Coat, PCX Lens**



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



Stock **#69-430** 3-5 DAYS

[Other Coating Options](#)

⊖ 1 ⊕

**A\$72.80**

ADD TO CART

Qty 1-9

**A\$72.80**

Qty 10+

**A\$65.60**

Volume Pricing

[Request Quote](#)

Get Product Downloads



**Diameter (mm):**  
10.00 +0.0/-0.025

**Effective Focal Length EFL (mm):**

|                                                                                       |
|---------------------------------------------------------------------------------------|
| 20.00 @ 587.6nm                                                                       |
| <b>Back Focal Length BFL (mm):</b><br>18.03                                           |
| <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>3.00 ±0.05                                        |
| <b>Edge Thickness ET (mm):</b><br>1.71                                                |
| <b>Radius R<sub>1</sub> (mm):</b><br>10.34                                            |
| <b>Clear Aperture CA (mm):</b><br>9                                                   |
| <b>f/#:</b><br>2.00                                                                   |
| <b>Numerical Aperture NA:</b><br>0.25                                                 |
| <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>             |