

**TECHSPEC® 25.4mm Square x -50 FL, 1064nm AR Coated, Laser Grade PCV Cylinder Lens**



Stock **#37-613** ☐ In Stock

-

1

+

**C\$352.80**

ADD TO CART

|                               |
|-------------------------------|
| Qty 1-5                       |
| C\$352.80                     |
| Qty 6+                        |
| C\$282.80                     |
| Volume Pricing                |
| <a href="#">Request Quote</a> |

Get Product Downloads



Effective Focal Length EFL (mm):  
-50.00

Substrate: ☐  
[Fused Silica](#) (Corning 7980)

f/#:  
2

Numerical Aperture NA:

|                                                                                                           |
|-----------------------------------------------------------------------------------------------------------|
| 0.25                                                                                                      |
| <b>Coating:</b><br>Laser V-Coat (1064nm)                                                                  |
| <b>Type:</b><br>Cylinder Lens, Plano-Concave                                                              |
| <b>Back Focal Length BFL (mm):</b><br>-52.06                                                              |
| <b>Bevel:</b><br>Protective bevel as needed                                                               |
| <b>Center Thickness CT (mm):</b><br>3.00                                                                  |
| <b>Center Thickness Tolerance (mm):</b><br>±0.1                                                           |
| <b>Clear Aperture CA (mm):</b><br>22.86 x 22.86                                                           |
| <b>Coating Specification:</b><br>R <sub>abs</sub> <0.25% @ 1064nm                                         |
| <b>Design Wavelength DWL (nm):</b><br>1064                                                                |
| <b>Dimensional Tolerance (mm):</b><br>+0.0/-0.025                                                         |
| <b>Dimensions (mm):</b><br>25.4 x 25.4                                                                    |
| <b>Edge Thickness ET (mm):</b><br>6.64                                                                    |
| <b>Focal Length Specification Wavelength (nm):</b><br>587.6                                               |
| <b>Radius R<sub>1</sub> (mm):</b><br>22.93                                                                |
| <b>Surface Quality:</b><br>20-10                                                                          |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br>15 J/cm <sup>2</sup> @ 1064nm, 20ns, 20Hz |
| <b>Power (P-V) @ 632.8nm:</b><br>1.5λ                                                                     |
| <b>Irregularity (P-V) @ 632.8nm:</b><br>λ/4                                                               |
| <b>Plano Axis Wedge (arcmin):</b><br><3                                                                   |
| <b>Power Axis Wedge (arcmin):</b><br><4.5                                                                 |
| <b>Axial Twist (arcmin):</b><br><3                                                                        |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 209:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |