

TECHSPEC<sup>®</sup> 25.4mm Square x 50 FL, 266nm AR Coated, Laser Grade PCX Cylinder Lens



Stock #37-574 10 TO 12 DAYS

-

1

+

₹21,924.00

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|                                                                   |
|-------------------------------------------------------------------|
| Effective Focal Length EFL (mm):<br>50.00                         |
| Substrate: <div><a href="#">Fused Silica</a> (Corning 7980)</div> |
| f/#:<br>2                                                         |
| Numerical Aperture NA:                                            |

|                                                                                             |
|---------------------------------------------------------------------------------------------|
| 0.17                                                                                        |
| <b>Coating:</b><br>Laser V-Coat (266nm)                                                     |
| <b>Type:</b><br>Cylinder Lens, Plano-Convex                                                 |
| <b>Back Focal Length BFL (mm):</b><br>46.58                                                 |
| <b>Bevel:</b><br>Protective bevel as needed                                                 |
| <b>Center Thickness CT (mm):</b><br>5.00                                                    |
| <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% @ 266nm                            |
| <b>Design Wavelength DWL (nm):</b><br>266                                                   |
| <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>1.16                                                      |
| <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>3 J/cm² @ 266nm, 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> |