

TECHSPEC<sup>®</sup> 25.4mm Dia. x 75mm FL, 1064nm Coated, Laser Grade PCX Lens



TECHSPEC Laser Grade PCX Lenses

Stock #38-723 3-4 DAYS

[Other Coating Options](#)



1



£172.55

ADD TO CART

Qty 1-5

£172.55

Qty 6+

£137.70

Volume Pricing

[Request Quote](#)

Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):  
25.40 +0.00/-0.025

Effective Focal Length EFL (mm):  
75.00 @355nm

Back Focal Length BFL (mm):

|                                                                                               |
|-----------------------------------------------------------------------------------------------|
| 71.63                                                                                         |
| <b>Coating:</b><br>Laser V-Coat (1064nm)                                                      |
| <b>Coating Specification:</b><br>R <sub>abs</sub> <0.25% @ 1064nm                             |
| <b>Substrate:</b> <input type="checkbox"/><br><a href="#">Fused Silica</a> (Corning 7980)     |
| <b>Surface Quality:</b><br>10-5                                                               |
| <b>Power (P-V) @ 632.8nm:</b><br>λ                                                            |
| <b>Irregularity (P-V) @ 632.8nm:</b><br>λ/10                                                  |
| <b>Focal Length Tolerance (%):</b><br>±1                                                      |
| <b>Centering (arcmin):</b><br><1                                                              |
| <b>Center Thickness CT (mm):</b><br>5.00 ±0.10                                                |
| <b>Edge Thickness ET (mm):</b><br>2.47                                                        |
| <b>Radius R<sub>1</sub> (mm):</b><br>35.71                                                    |
| <b>Clear Aperture CA (mm):</b><br>21.59                                                       |
| <b>f/#:</b><br>2.95                                                                           |
| <b>Numerical Aperture NA:</b><br>0.17                                                         |
| <b>Design Wavelength DWL (nm):</b><br>1064                                                    |
| <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>15 J/cm² @ 1064nm, 20ns, 20Hz |

## 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> |