

TECHSPEC®

25.0mm Dia x 25.0mm FL 405nm V-Coat, Cylinder Lens



Laser Line PCX Cylinder Lens

Stock **#33-219**

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-

1

+

£33.96

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£33.96

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Diameter (mm):  
25.00

Effective Focal Length EFL (mm):  
25.00

Substrate: ☐  
[N-BK7](#)

f/#:  
1.00

Numerical Aperture NA:

|                                                                                                          |
|----------------------------------------------------------------------------------------------------------|
| 0.50                                                                                                     |
| <b>Coating:</b><br>Laser V-Coat (405nm)                                                                  |
| <b>Type:</b><br>Cylinder Lens, Plano-Convex                                                              |
| <b>Wavelength Range (nm):</b><br>375 - 435                                                               |
| <b>Back Focal Length BFL (mm):</b><br>17.74                                                              |
| <b>Center Thickness CT (mm):</b><br>11.03                                                                |
| <b>Center Thickness Tolerance (mm):</b><br>±0.1                                                          |
| <b>Coating Specification:</b><br>R <sub>abs</sub> <0.25% @ 405nm<br>R <sub>avg</sub> <1.5% @ 375 - 435nm |
| <b>Design Wavelength DWL (nm):</b><br>405                                                                |
| <b>Dimensional Tolerance (mm):</b><br>+0.0/-0.2                                                          |
| <b>Edge Thickness ET (mm):</b><br>1.49                                                                   |
| <b>Focal Length Tolerance (%):</b><br>±3                                                                 |
| <b>Note:</b><br>Coating: 405nm V-Coat                                                                    |
| <b>Radius R<sub>1</sub> (mm):</b><br>12.96                                                               |
| <b>Surface Quality:</b><br>60-40                                                                         |
| <b>Wavelength Range (µm):</b><br>0.375 - 0.435                                                           |

### Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 224:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |