

TECHSPEC®

# 12.5mm H x 25mm L x 50mm FL VIS-NIR Coated, Illumination Grade PCX Cylinder Lens



Stock #69-775 3-4 DAYS

⊖ 1 ⊕ **€82,00**

ADD TO CART

|         |
|---------|
| Qty 1-5 |
| €82,00  |

|        |
|--------|
| Qty 6+ |
| €65,50 |

|                               |
|-------------------------------|
| Volume Pricing                |
| <a href="#">Request Quote</a> |

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Effective Focal Length EFL (mm):  
50.00

Substrate: ☐  
[N-BK7](#)

f#:

|                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 4                                                                                                                                                   |
| <b>Numerical Aperture NA:</b><br>0.13                                                                                                               |
| <b>Coating:</b><br>VIS-NIR (400-1000nm)                                                                                                             |
| <b>Type:</b><br>Cylinder Lens, Plano-Convex                                                                                                         |
| <b>Wavelength Range (nm):</b><br>400 - 1000                                                                                                         |
| <b>Back Focal Length BFL (mm):</b><br>48.68                                                                                                         |
| <b>Center Thickness CT (mm):</b><br>2.00                                                                                                            |
| <b>Center Thickness Tolerance (mm):</b><br>±0.1                                                                                                     |
| <b>Coating Specification:</b><br>R <sub>abs</sub> ≤0.25% @ 880nm<br>R <sub>avg</sub> ≤1.25% @ 400 - 870nm<br>R <sub>avg</sub> ≤1.25% @ 890 - 1000nm |
| <b>Dimensional Tolerance (mm):</b><br>+0.0/-0.2                                                                                                     |
| <b>Dimensions (mm):</b><br>12.5 x 25.0                                                                                                              |
| <b>Edge Thickness ET (mm):</b><br>1.23                                                                                                              |
| <b>Focal Length Tolerance (%):</b><br>±3                                                                                                            |
| <b>Radius R<sub>1</sub> (mm):</b><br>25.84                                                                                                          |
| <b>Surface Quality:</b><br>60-40                                                                                                                    |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br>5 J/cm² @ 532nm, 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>             |