

**TECHSPEC® 5mm Dia x 15mm FL VIS-NIR Coated, UV Plano-Convex Lens**



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#89-428** 3-4 DAYS

⊖ 1 ⊕

**€127,50**

ADD TO CART

Qty 1-5

€127,50

Qty 6+

€102,00

Volume Pricing

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**ⓘ** Prices shown are exclusive of VAT/local taxes

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**Diameter (mm):**  
5.00 +0.0/-0.025

**Effective Focal Length EFL (mm):**

|                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 15.00 @ 587.6nm                                                                                                                                     |
| <b>Back Focal Length BFL (mm):</b><br>13.83                                                                                                         |
| <b>Coating:</b><br>VIS-NIR (400-1000nm)                                                                                                             |
| <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>Substrate:</b> <input type="checkbox"/><br><a href="#">Fused Silica</a> (Corning 7980)                                                           |
| <b>Surface Quality:</b><br>40-20                                                                                                                    |
| <b>Power (P-V) @ 632.8nm:</b><br>1.5λ                                                                                                               |
| <b>Irregularity (P-V) @ 632.8nm:</b><br>λ/4                                                                                                         |
| <b>Focal Length Tolerance (%):</b><br>±1                                                                                                            |
| <b>Centering (arcmin):</b><br><1                                                                                                                    |
| <b>Center Thickness CT (mm):</b><br>1.70 ±0.05                                                                                                      |
| <b>Edge Thickness ET (mm):</b><br>1.23                                                                                                              |
| <b>Radius R<sub>1</sub> (mm):</b><br>6.88                                                                                                           |
| <b>Clear Aperture CA (mm):</b><br>4.5                                                                                                               |
| <b>f/#:</b><br>3                                                                                                                                    |
| <b>Numerical Aperture NA:</b><br>0.17                                                                                                               |
| <b>Type:</b><br>Plano-Convex Lens                                                                                                                   |
| <b>Bevel:</b><br>Protective bevel as needed                                                                                                         |
| <b>Wavelength Range (nm):</b><br>400 - 1000                                                                                                         |
| <b>Damage Threshold, Reference:</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>             |