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TECHSPEC® 12mm Dia. X 30mm FL Uncoated, UV Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses



Stock #48-025 3-4 DAYS

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1



€117,50

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Qty 1-5

€117,50

Qty 6+

€94,00

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Diameter (mm):  
12.00 +0.0/-0.025

|                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Effective Focal Length EFL (mm):</b><br>30.00 @ 587.6nm                                                                                         |
| <b>Back Focal Length BFL (mm):</b><br>27.56                                                                                                        |
| <b>Coating:</b><br>Uncoated                                                                                                                        |
| <b>Substrate:</b> <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>3.55 ±0.05                                                                                                     |
| <b>Edge Thickness ET (mm):</b><br>2.17                                                                                                             |
| <b>Radius R<sub>1</sub> (mm):</b><br>13.75                                                                                                         |
| <b>Clear Aperture CA (mm):</b><br>11                                                                                                               |
| <b>f/#:</b><br>2.5                                                                                                                                 |
| <b>Numerical Aperture NA:</b><br>0.20                                                                                                              |
| <b>Type:</b><br>Plano-Convex Lens                                                                                                                  |
| <b>Bevel:</b><br>Protective bevel as needed                                                                                                        |
| <b>Wavelength Range (nm):</b><br>200 - 2200                                                                                                        |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 219:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |