

TECHSPEC® 5mm Dia. x 20mm FL Uncoated, UV Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#89-413** ☒ In Stock

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-

1

+

C\$150.50

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Diameter (mm):  
5.00 +0.0/-0.025

Effective Focal Length EFL (mm):

|                                                               |
|---------------------------------------------------------------|
| 20.00 @ 587.6nm                                               |
| <b>Back Focal Length BFL (mm):</b><br>18.97                   |
| <b>Coating:</b><br>Uncoated                                   |
| <b>Substrate:</b> <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>1.50 ±0.05                |
| <b>Edge Thickness ET (mm):</b><br>1.15                        |
| <b>Radius R<sub>1</sub> (mm):</b><br>9.17                     |
| <b>Clear Aperture CA (mm):</b><br>4.5                         |
| <b>f/#:</b><br>4                                              |
| <b>Numerical Aperture NA:</b><br>0.13                         |
| <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> |