

TECHSPEC®

12mm Dia. x 35mm FL, Uncoated, UV Double-Convex Lens



UV Fused Silica Double-Convex (DCX) Lenses



Stock **#48-037** ☐ In Stock

☐ [Other Coating Options](#)

1

C\$156.80

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Qty 1-5

C\$156.80

Qty 6+

C\$125.30

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Diameter (mm):  
12.00 +0.0/-0.025

Back Focal Length BFL (mm):

|                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------|
| 33.85                                                                                                                                    |
| Effective Focal Length EFL (mm):<br>35.00                                                                                                |
| Coating:<br>Uncoated                                                                                                                     |
| Coating Specification:<br>Uncoated                                                                                                       |
| Substrate:  <a href="#">Fused Silica</a> (Corning 7980) |
| Surface Quality:<br>40-20                                                                                                                |
| Power (P-V) @ 632.8nm:<br>1.5λ                                                                                                           |
| Irregularity (P-V) @ 632.8nm:<br>λ/4                                                                                                     |
| Centering (arcmin):<br><1                                                                                                                |
| Bevel:<br>Protective bevel as needed                                                                                                     |
| Center Thickness CT (mm):<br>3.29 ±0.05                                                                                                  |
| Edge Thickness ET (mm):<br>2.14                                                                                                          |
| Radius R <sub>1</sub> =R <sub>2</sub> (mm):<br>31.57                                                                                     |
| Clear Aperture CA (mm):<br>11.00                                                                                                         |
| f/#:<br>2.92                                                                                                                             |
| Focal Length Specification Wavelength (nm):<br>587.6                                                                                     |
| Focal Length Tolerance (%):<br>±1                                                                                                        |
| Numerical Aperture NA:<br>0.17                                                                                                           |
| Type:<br>Double-Convex Lens                                                                                                              |
| Wavelength Range (nm):<br>200 - 2200                                                                                                     |

## Regulatory Compliance

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