

TECHSPEC®

25mm Dia. x 150mm FL, VIS-NIR Coated, UV Double-Convex Lens



UV Fused Silica Double-Convex (DCX) Lenses



Stock **#63-843** 10 TO 12 DAYS

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-

1

+

₹12,572.00

ADD TO CART

Qty 1-5

₹12,572.00

Qty 6+

₹10,049.00

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Diameter (mm):  
25.00 +0.0/-0.025

Back Focal Length BFL (mm):

|                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 148.37                                                                                                                                                       |
| <b>Effective Focal Length EFL (mm):</b><br>150.00                                                                                                            |
| <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> <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>Centering (arcmin):</b><br><1                                                                                                                             |
| <b>Bevel:</b><br>Protective bevel as needed                                                                                                                  |
| <b>Center Thickness CT (mm):</b><br>3.68 ±0.10                                                                                                               |
| <b>Edge Thickness ET (mm):</b><br>2.54                                                                                                                       |
| <b>Radius R<sub>1</sub>=R<sub>2</sub> (mm):</b><br>136.96                                                                                                    |
| <b>Clear Aperture CA (mm):</b><br>24.00                                                                                                                      |
| <b>f/#:</b><br>6.00                                                                                                                                          |
| <b>Focal Length Specification Wavelength (nm):</b><br>587.6                                                                                                  |
| <b>Focal Length Tolerance (%):</b><br>±1                                                                                                                     |
| <b>Numerical Aperture NA:</b><br>0.08                                                                                                                        |
| <b>Type:</b><br>Double-Convex Lens                                                                                                                           |
| <b>Wavelength Range (nm):</b><br>400 - 1000                                                                                                                  |
| <b>Damage Threshold, Reference:</b> <br>5 J/cm <sup>2</sup> @ 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>             |