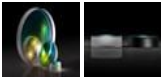
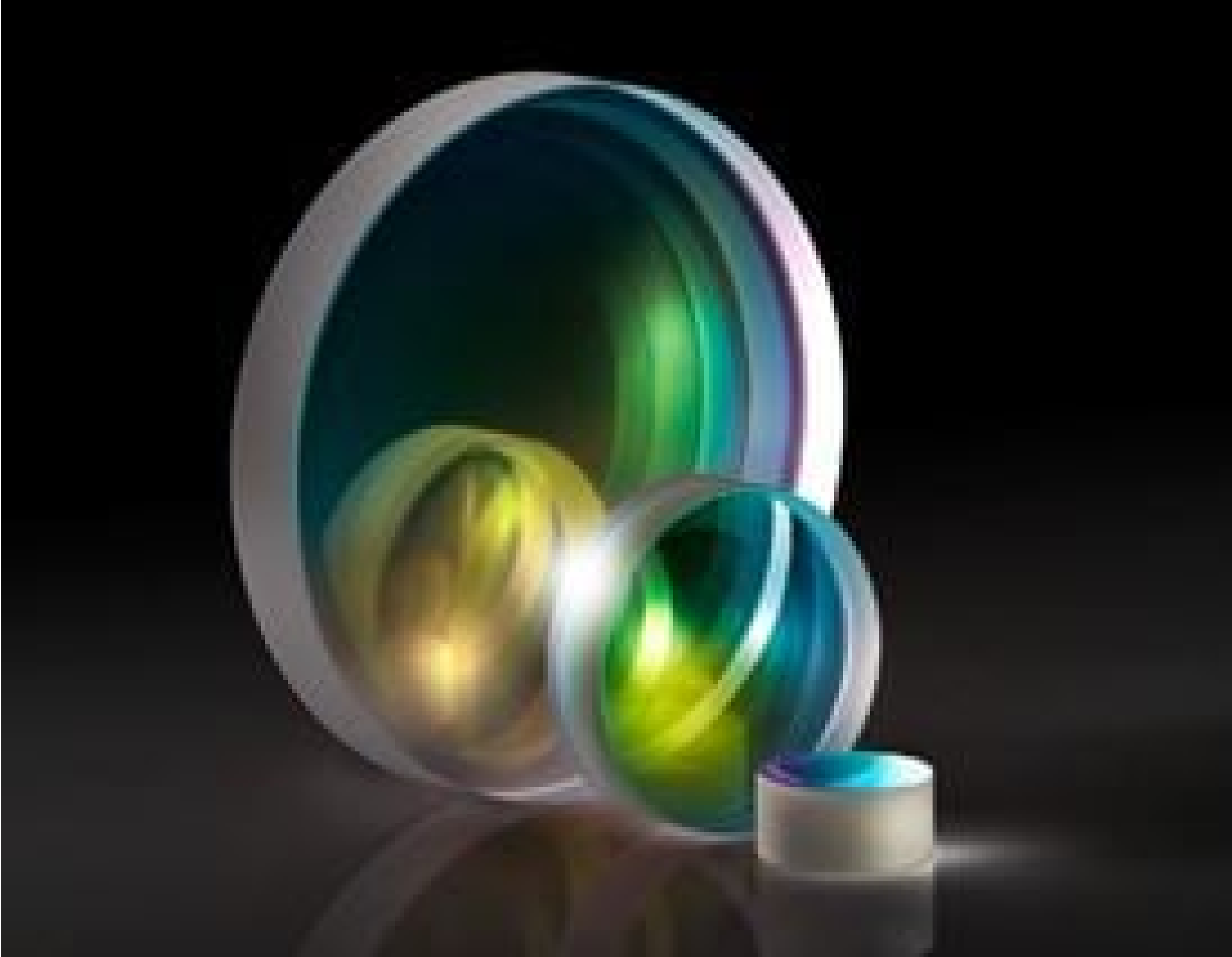


TECHSPEC®

# 25.0mm Dia. x -250 FL, 1064nm V-Coat, UV Plano-Concave Lens



Stock #21-042 3-4 DAYS

-

1

+

€149,00

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Diameter (mm):  
25.00 +0.0/-0.025

Effective Focal Length EFL (mm):  
-250.00

|                                                                                              |
|----------------------------------------------------------------------------------------------|
| <b>Substrate:</b> <div><div>Fused Silica</div><div>(Coming 7980)</div></div>                 |
| <b>f#:</b><br>10.00                                                                          |
| <b>Numerical Aperture NA:</b><br>0.05                                                        |
| <b>Coating:</b><br>1064nm V-Coat                                                             |
| <b>Type:</b><br>Plano-Concave Lens                                                           |
| <b>Back Focal Length BFL (mm):</b><br>-251.71                                                |
| <b>Center Thickness CT (mm):</b><br>2.50                                                     |
| <b>Center Thickness Tolerance (mm):</b><br>±0.10                                             |
| <b>Centering (arcmin):</b><br><1                                                             |
| <b>Clear Aperture CA (mm):</b><br>24                                                         |
| <b>Coating Specification:</b><br>R <sub>abs</sub> <0.25% @ 1064nm                            |
| <b>Design Wavelength DWL (nm):</b><br>1064                                                   |
| <b>Edge Thickness ET (mm):</b><br>3.15                                                       |
| <b>Focal Length Specification Wavelength (nm):</b><br>587.6                                  |
| <b>Focal Length Tolerance (%):</b><br>±1                                                     |
| <b>Note:</b><br>Max. Flat Annulus is 0.3mm                                                   |
| <b>Radius R<sub>1</sub> (mm):</b><br>-114.61                                                 |
| <b>Surface Quality:</b><br>40-20                                                             |
| <b>Damage Threshold, By Design:</b> <div><div>15 J/cm<sup>2</sup> @ 1064nm, 10ns</div></div> |
| <b>Power (P-V) @ 632.8nm:</b><br>1.5λ                                                        |
| <b>Irregularity (P-V) @ 632.8nm:</b><br>λ/4                                                  |

## Regulatory Compliance

|                                            |
|--------------------------------------------|
| <b>RoHS:</b><br>Compliant                  |
| <b>Certificate of Conformance:</b><br>View |