

TECHSPEC<sup>®</sup> 25.4mm Dia. x 75mm FL, 8-12μm BBAR Coated, ZnSe Plano-Convex Lens

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TECHSPEC Zinc Selenide (ZnSe) Plano-Convex (PCX) Lenses

Stock **#39-550** 3-4 DAYS

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£327.25

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Diameter (mm):  
25.40 +0.00/-0.10

Effective Focal Length EFL (mm):  
75.00 @ 10.6μm

|                                                                           |
|---------------------------------------------------------------------------|
| <b>Back Focal Length BFL (mm):</b><br>73.96                               |
| <b>Coating:</b><br>BBAR (8000-12000nm)                                    |
| <b>Coating Specification:</b><br>R <sub>avg</sub> ≤0.5% @ 8 - 12μm        |
| <b>Substrate:</b> <input type="checkbox"/><br>Coherent® Infrared ZnSe     |
| <b>Surface Quality:</b><br>40-20                                          |
| <b>Power (P-V) @ 632.8nm:</b><br>λ                                        |
| <b>Power (P-V) @ 10.6μm:</b><br>λ10                                       |
| <b>Irregularity (P-V) @ 10.6μm:</b><br>λ20                                |
| <b>Centering, ETD (μm):</b><br>≤12.7                                      |
| <b>Center Thickness CT (mm):</b><br>2.50 ±0.10                            |
| <b>Edge Thickness ET (mm):</b><br>1.73                                    |
| <b>Radius R<sub>1</sub> (mm):</b><br>105.20                               |
| <b>Clear Aperture CA (mm):</b><br>22.86                                   |
| <b>f/#:</b><br>2.95                                                       |
| <b>Numerical Aperture NA:</b><br>0.17                                     |
| <b>Type:</b><br>Plano-Convex Lens                                         |
| <b>Bevel:</b><br>Protective bevel as needed                               |
| <b>Wavelength Range (nm):</b><br>8000 - 12000                             |
| <b>Bulk Absorption Coefficient (cm<sup>-1</sup>):</b><br><0.0005 @ 10.6μm |
| <b>Surface Roughness (Angstroms):</b><br><50 RMS                          |

### Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 224:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |