

TECHSPEC<sup>®</sup> 12.5mm Dia x 10mm FL, Uncoated Molded Aspheric Condenser Lens



TECHSPEC Molded Aspheric Condenser Lenses

Stock #36-165 ☐ In Stock

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1

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Diameter (mm):  
12.50 +0.0/-0.2

Effective Focal Length EFL (mm):  
10.00 @ 587.6nm

Numerical Aperture NA:

|                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------|
| 0.625                                                                                                           |
| <b>Back Focal Length BFL (mm):</b><br>4.93                                                                      |
| <b>Substrate:</b> <input type="checkbox"/><br><a href="#">Liba2000+</a>                                         |
| <b>Focal Length Tolerance (%):</b><br>±5                                                                        |
| <b>Coating:</b><br>Uncoated                                                                                     |
| <b>Centering (arcmin):</b><br>≤25                                                                               |
| <b>Surface Quality:</b><br>Molded Side: 5/3 x0.4; E 0.2<br>Polished Side: 5/3 x0.25; E 0.2                      |
| <b>Clear Aperture CA (mm):</b><br>11.28                                                                         |
| <b>Edge Thickness ET (mm):</b><br>3.22                                                                          |
| <b>Center Thickness CT (mm):</b><br>7.71 ±0.30                                                                  |
| <b>f/#:</b><br>0.8                                                                                              |
| <b>Bevel:</b><br>Protective bevel as needed                                                                     |
| <b>Diameter of Asphere (mm):</b><br>12.5                                                                        |
| <b>Radius R<sub>2</sub> (mm):</b><br>∞                                                                          |
| <b>Shape of Back Surface:</b><br>Plano                                                                          |
| <b>Type:</b><br>Condenser Lens                                                                                  |
| <b>Wavelength Range (nm):</b><br>350 - 2000                                                                     |
| <b>Conjugate Distance:</b><br>Infinite                                                                          |
| <b>Note:</b><br><a href="#">Click here</a> for more information on the ISO 10110 surface quality specification. |

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>             |