

TECHSPEC® 12.5mm Dia. x 50mm EFL, UV-VIS Coated, Near UV Achromatic Lens



Stock #65-974 3-5 DAYS

-

1

+

A\$220.00

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Qty 1-5

A\$220.00

Qty 6+

A\$176.00

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Diameter (mm):  
12.50 +0.0/-0.025

Effective Focal Length EFL (mm):  
50.00

|                                                                                             |
|---------------------------------------------------------------------------------------------|
| <b>Focal Length Tolerance (%)</b> :<br>±1                                                   |
| <b>Back Focal Length BFL (mm)</b> :<br>47.31                                                |
| <b>Focal Length Specification Wavelength (nm)</b> :<br>405.00                               |
| <b>Clear Aperture CA (mm)</b> :<br>11.50                                                    |
| <b>Centering (arcmin)</b> :<br><1                                                           |
| <b>Center Thickness CT (mm)</b> :<br>5.50 ±0.20                                             |
| <b>Center Thickness CT 1 (mm)</b> :<br>3.50 ±0.10                                           |
| <b>Center Thickness CT 2 (mm)</b> :<br>2.00 ±0.10                                           |
| <b>Radius R<sub>1</sub> (mm)</b> :<br>29.11                                                 |
| <b>Radius R<sub>2</sub> (mm)</b> :<br>-25.27                                                |
| <b>Radius R<sub>3</sub> (mm)</b> :<br>-71.39                                                |
| <b>Edge Thickness ET (mm)</b> :<br>4.55                                                     |
| <b>Substrate</b> : <input type="checkbox"/><br><a href="#">N-FK5</a> / <a href="#">F2HT</a> |
| <b>Surface Quality</b> :<br>40-20                                                           |
| <b>f/#</b> :<br>4                                                                           |
| <b>Numerical Aperture NA</b> :<br>0.13                                                      |
| <b>Coating</b> :<br>UV-VIS (345-700nm)                                                      |
| <b>Coating Specification</b> :<br>R <sub>avg</sub> ≤1.5% @ 345 - 700nm                      |
| <b>Power (P-V) @ 632.8nm</b> :<br>1.5λ                                                      |
| <b>Irregularity (P-V) @ 632.8nm</b> :<br>λ/4                                                |
| <b>Bevel</b> :<br>Protective bevel as needed                                                |
| <b>Type</b> :<br>Achromatic Lens                                                            |
| <b>Wavelength Range (nm)</b> :<br>345 - 700                                                 |

### Regulatory Compliance

|                                                             |
|-------------------------------------------------------------|
| <b>RoHS 2015</b> :<br><a href="#">Exempt</a>                |
| <b>Certificate of Conformance</b> :<br><a href="#">View</a> |
| <b>Reach 235</b> :<br><a href="#">Compliant</a>             |