

TECHSPEC<sup>®</sup> 35.0mm Dia. x 50.0mm FL, VIS-NIR Coated, Plano-Convex Lens



Stock **#38-552** 3-4 DAYS  
[Other Coating Options](#)

-

1

+

£47.60

ADD TO CART

|                               |
|-------------------------------|
| Qty 1-9                       |
| £47.60                        |
| Qty 10+                       |
| £42.92                        |
| Volume Pricing                |
| <a href="#">Request Quote</a> |

 Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):  
35.00 +0.0/-0.025

Effective Focal Length EFL (mm):

|                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 50.00 @ 587.6nm                                                                                                                                     |
| <b>Back Focal Length BFL (mm):</b><br>44.40                                                                                                         |
| <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> <input type="checkbox"/><br><a href="#">N-BK7</a>                                                                                 |
| <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>Focal Length Tolerance (%):</b><br>±1                                                                                                            |
| <b>Centering (arcmin):</b><br><1                                                                                                                    |
| <b>Center Thickness CT (mm):</b><br>8.50 ±0.10                                                                                                      |
| <b>Edge Thickness ET (mm):</b><br>1.67                                                                                                              |
| <b>Radius R<sub>1</sub> (mm):</b><br>25.84                                                                                                          |
| <b>Clear Aperture CA (mm):</b><br>34                                                                                                                |
| <b>f/#:</b><br>1.43                                                                                                                                 |
| <b>Numerical Aperture NA:</b><br>0.35                                                                                                               |
| <b>Type:</b><br>Plano-Convex Lens                                                                                                                   |
| <b>Bevel:</b><br>Protective bevel as needed                                                                                                         |
| <b>Wavelength Range (nm):</b><br>400 - 1000                                                                                                         |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br>5 J/cm² @ 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>             |