

TECHSPEC<sup>®</sup> 12.0mm Dia. x -48 FL, Uncoated, Plano-Concave Lens



TECHSPEC Uncoated Plano-Concave (PCV) Lenses



Stock **#45-018** 10 TO 12 DAYS

[Other Coating Options](#)



1



₹2,567.00

ADD TO CART

Qty 1-9

₹2,567.00

Qty 10+

₹2,306.00

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Diameter (mm):  
12.00 +0.0/-0.025

Effective Focal Length EFL (mm):

|                                                             |
|-------------------------------------------------------------|
| -48.00                                                      |
| <b>Substrate:</b> <a href="#">N-BK7</a>                     |
| <b>f#:</b><br>4.00                                          |
| <b>Numerical Aperture NA:</b><br>0.13                       |
| <b>Coating:</b><br>Uncoated                                 |
| <b>Type:</b><br>Plano-Concave Lens                          |
| <b>Wavelength Range (nm):</b><br>350 - 2200                 |
| <b>Back Focal Length BFL (mm):</b><br>-50.31                |
| <b>Bevel:</b><br>Protective bevel as needed                 |
| <b>Center Thickness CT (mm):</b><br>3.50                    |
| <b>Center Thickness Tolerance (mm):</b><br>±0.05            |
| <b>Centering (arcmin):</b><br><1                            |
| <b>Clear Aperture CA (mm):</b><br>11.00                     |
| <b>Edge Thickness ET (mm):</b><br>4.12                      |
| <b>Focal Length Specification Wavelength (nm):</b><br>587.6 |
| <b>Focal Length Tolerance (%):</b><br>±1                    |
| <b>Radius R<sub>1</sub> (mm):</b><br>-24.81                 |
| <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                 |

### Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 219:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |