

TECHSPEC<sup>®</sup> 12mm Dia. x 30mm FL, NIR II Coated, Achromatic Lens



Stock #45-794 10 TO 12 DAYS

-

1

+

₹9,396.00

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|                               |
|-------------------------------|
| Qty 1-5                       |
| ₹9,396.00                     |
| Qty 6+                        |
| ₹7,526.00                     |
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Diameter (mm):  
12.00 +0.0/-0.025

Effective Focal Length EFL (mm):  
30.00

|                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Focal Length Tolerance (%)</b> :<br>±1                                                                                                                |
| <b>Back Focal Length BFL (mm)</b> :<br>25.83                                                                                                             |
| <b>Focal Length Specification Wavelength (nm)</b> :<br>880.00                                                                                            |
| <b>Clear Aperture CA (mm)</b> :<br>11.00                                                                                                                 |
| <b>Centering (arcmin)</b> :<br><1                                                                                                                        |
| <b>Center Thickness CT (mm)</b> :<br>7.00 ±0.10                                                                                                          |
| <b>Center Thickness CT 1 (mm)</b> :<br>4.50 ±0.05                                                                                                        |
| <b>Center Thickness CT 2 (mm)</b> :<br>2.50 ±0.05                                                                                                        |
| <b>Radius R<sub>1</sub> (mm)</b> :<br>17.77                                                                                                              |
| <b>Radius R<sub>2</sub> (mm)</b> :<br>-16.46                                                                                                             |
| <b>Radius R<sub>3</sub> (mm)</b> :<br>-136.80                                                                                                            |
| <b>Edge Thickness ET (mm)</b> :<br>5.82                                                                                                                  |
| <b>Substrate</b> : <input type="checkbox"/><br><a href="#">N-LAK22</a> / <a href="#">N-SF6</a>                                                           |
| <b>Surface Quality</b> :<br>40-20                                                                                                                        |
| <b>f/#</b> :<br>2.5                                                                                                                                      |
| <b>Numerical Aperture NA</b> :<br>0.20                                                                                                                   |
| <b>Coating</b> :<br>NIR II (750-1550nm)                                                                                                                  |
| <b>Coating Specification</b> :<br>R <sub>abs</sub> ≤1.5% @ 750 - 800nm<br>R <sub>abs</sub> ≤1.0% @ 800 - 1550nm<br>R <sub>avg</sub> ≤0.7% @ 750 - 1550nm |
| <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>750 - 1550                                                                                                             |

## Regulatory Compliance

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|-------------------------------------------------------------|
| <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> |