

TECHSPEC<sup>®</sup> 12.5mm Dia. x 50mm FL, VIS-NIR, Inked, Achromatic Lens



Stock #49-328-INK 10 TO 12 DAYS

[Other Coating Options](#)

-

1

+

₹8,352.00

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|                               |
|-------------------------------|
| Qty 1-5                       |
| ₹8,352.00                     |
| Qty 6+                        |
| ₹6,677.00                     |
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Diameter (mm):  
12.50 ±0.025

Effective Focal Length EFL (mm):  
50.00

|                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Focal Length Tolerance (%)</b> :<br>±1                                                                                                            |
| <b>Back Focal Length BFL (mm)</b> :<br>47.61                                                                                                         |
| <b>Focal Length Specification Wavelength (nm)</b> :<br>587.6                                                                                         |
| <b>Clear Aperture CA (mm)</b> :<br>11.50                                                                                                             |
| <b>Centering (arcmin)</b> :<br><1                                                                                                                    |
| <b>Center Thickness CT (mm)</b> :<br>5.00 ±0.10                                                                                                      |
| <b>Center Thickness CT 1 (mm)</b> :<br>3.50 ±0.05                                                                                                    |
| <b>Center Thickness CT 2 (mm)</b> :<br>1.50 ±0.05                                                                                                    |
| <b>Radius R<sub>1</sub> (mm)</b> :<br>30.73                                                                                                          |
| <b>Radius R<sub>2</sub> (mm)</b> :<br>-22.32                                                                                                         |
| <b>Radius R<sub>3</sub> (mm)</b> :<br>-64.75                                                                                                         |
| <b>Edge Thickness ET (mm)</b> :<br>4.06                                                                                                              |
| <b>Substrate</b> : <input type="checkbox"/><br><a href="#">N-BK7</a> / <a href="#">N-SF5</a>                                                         |
| <b>Surface Quality</b> :<br>40-20                                                                                                                    |
| <b>f/#</b> :<br>4.00                                                                                                                                 |
| <b>Numerical Aperture NA</b> :<br>0.13                                                                                                               |
| <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>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>400 - 1000                                                                                                         |

## Regulatory Compliance

|                                                             |
|-------------------------------------------------------------|
| <b>RoHS 2015</b> :<br><a href="#">Compliant</a>             |
| <b>REACH 201</b> :<br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance</b> :<br><a href="#">View</a> |