

TECHSPEC®

# 9mm Dia. x 18mm FL, VIS 0° Inked, Double-Convex Lens



Stock **#47-487-INK** 17 TO 22 D= DAYS

[Other Coating Options](#)



1



₹4,394.00

ADD TO CART

Qty 1-9

₹4,394.00

Qty 10+

₹3,959.00

Volume Pricing

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Diameter (mm):  
9.00 ±0.025

Back Focal Length BFL (mm):  
17.12

|                                                                                       |
|---------------------------------------------------------------------------------------|
| <b>Effective Focal Length EFL (mm):</b><br>18.00                                      |
| <b>Coating:</b><br>VS 0° (425-675nm)                                                  |
| <b>Coating Specification:</b><br>R <sub>avg</sub> ≤0.4% @ 425 - 675nm                 |
| <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>Centering (arcmin):</b><br><1                                                      |
| <b>Bevel:</b><br>Protective bevel as needed                                           |
| <b>Center Thickness CT (mm):</b><br>2.60                                              |
| <b>Center Thickness Tolerance (mm):</b><br>±0.05                                      |
| <b>Edge Thickness ET (mm):</b><br>1.47                                                |
| <b>Radius R<sub>1</sub>=R<sub>2</sub> (mm):</b><br>18.15                              |
| <b>Clear Aperture CA (mm):</b><br>8.1                                                 |
| <b>f/#:</b><br>2.00                                                                   |
| <b>Focal Length Specification Wavelength (nm):</b><br>587.6                           |
| <b>Focal Length Tolerance (%):</b><br>±1                                              |
| <b>Numerical Aperture NA:</b><br>0.25                                                 |
| <b>Type:</b><br>Double-Convex Lens                                                    |
| <b>Wavelength Range (nm):</b><br>425 - 675                                            |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br>5 J/cm² @ 532nm, 10ns |

## Regulatory Compliance

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