

TECHSPEC<sup>®</sup> 2mm Dia. x 9mm FL, VIS 0° Coated, Achromatic Lens



Stock **#83-978** CLEARANCE 3-4 DAYS  
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£181.01

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Diameter (mm):  
2.00 +0.0/-0.025

Effective Focal Length EFL (mm):  
9.00

Focal Length Tolerance (%):  
±1

|                                                                |
|----------------------------------------------------------------|
| Back Focal Length BFL (mm):<br>8.00                            |
| Focal Length Specification Wavelength (nm):<br>587.6           |
| Clear Aperture CA (mm):<br>1.6                                 |
| Centering (arcmin):<br><3                                      |
| Center Thickness CT (mm):<br>2.00 ±0.10                        |
| Center Thickness CT 1 (mm):<br>1.00 ±0.05                      |
| Center Thickness CT 2 (mm):<br>1.00 ±0.05                      |
| Radius R <sub>1</sub> (mm):<br>5.38                            |
| Radius R <sub>2</sub> (mm):<br>-5.38                           |
| Radius R <sub>3</sub> (mm):<br>-20.79                          |
| Edge Thickness ET (mm):<br>1.88                                |
| Substrate: <a href="#">N-PSK53A</a> / <a href="#">N-LASF9</a>  |
| Surface Quality:<br>20-10                                      |
| f/#:<br>4.5                                                    |
| Numerical Aperture NA:<br>0.11                                 |
| Coating:<br>VIS 0° (425-675nm)                                 |
| Coating Specification:<br>R <sub>avg</sub> ≤0.4% @ 425 - 675nm |
| Power (P-V) @ 632.8nm:<br>1.5λ                                 |
| Irregularity (P-V) @ 632.8nm:<br>λ/4                           |
| Bevel:<br>Protective bevel as needed                           |
| Type:<br>Achromatic Lens                                       |
| Wavelength Range (nm):<br>425 - 675                            |

## Regulatory Compliance

|                                                     |
|-----------------------------------------------------|
| Reach 181:<br><a href="#">Compliant</a>             |
| RoHS 2015:<br><a href="#">Compliant</a>             |
| Certificate of Conformance:<br><a href="#">View</a> |