

**TECHSPEC®** 9.0mm Dia. x 20mm FL, NIR I Coated, Plano-Convex Lens



Stock **#38-333** 3-4 DAYS

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- 1 + **£32.30**

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| Qty 1-9                       |
| £32.30                        |
| Qty 10+                       |
| £29.11                        |
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ⓘ Prices shown are exclusive of VAT/local taxes

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Diameter (mm):  
9.00 +0.0/-0.025

Effective Focal Length EFL (mm):

|                                                                                        |
|----------------------------------------------------------------------------------------|
| 20.00 @ 587.6nm                                                                        |
| <b>Back Focal Length BFL (mm):</b><br>18.55                                            |
| <b>Coating:</b><br>NIR I (600-1050nm)                                                  |
| <b>Coating Specification:</b><br>R <sub>avg</sub> ≤0.5% @ 600 - 1050nm                 |
| <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>Focal Length Tolerance (%):</b><br>±1                                               |
| <b>Centering (arcmin):</b><br><1                                                       |
| <b>Center Thickness CT (mm):</b><br>2.20 ±0.05                                         |
| <b>Edge Thickness ET (mm):</b><br>1.17                                                 |
| <b>Radius R<sub>1</sub> (mm):</b><br>10.34                                             |
| <b>Clear Aperture CA (mm):</b><br>8.1                                                  |
| <b>f/#:</b><br>2.22                                                                    |
| <b>Numerical Aperture NA:</b><br>0.23                                                  |
| <b>Type:</b><br>Plano-Convex Lens                                                      |
| <b>Bevel:</b><br>Protective bevel as needed                                            |
| <b>Wavelength Range (nm):</b><br>600 - 1050                                            |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br>7 J/cm² @ 1064nm, 10ns |

Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |
| <b>Reach 235:</b><br><a href="#">Compliant</a>             |