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SUBMIT

TECHSPEC® 40.0mm Dia. x 300.0mm FL, NIR I, Inked, Plano-Convex Lens



Stock #48-793-INK [CONTACT US](#)

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1 **€69,00**

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| Qty 1-9                       |
| €69,00                        |
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| €62,00                        |
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Diameter (mm):  
40.00 ±0.025

Effective Focal Length EFL (mm):

|                                                                                        |
|----------------------------------------------------------------------------------------|
| 300.00 @587.6nm                                                                        |
| <b>Back Focal Length BFL (mm):</b><br>296.70                                           |
| <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>5.00 ±0.10                                         |
| <b>Edge Thickness ET (mm):</b><br>3.70                                                 |
| <b>Radius R<sub>1</sub> (mm):</b><br>155.04                                            |
| <b>Clear Aperture CA (mm):</b><br>39                                                   |
| <b>f/#:</b><br>7.5                                                                     |
| <b>Numerical Aperture NA:</b><br>0.07                                                  |
| <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:</b><br><a href="#">Compliant</a>                  |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |