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SUBMIT



TECHSPEC® Laser Focusing Singlet Lenses

Stock #12-318 CLEARANCE 3-4 DAYS



1



€85,95

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Qty 1+

€85,95

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Diameter (mm):  
30.00 +0.0/-0.025

Effective Focal Length EFL (mm):  
60.00

Substrate:   
[N-BK7](#)

f#:  
2

|                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Numerical Aperture NA:</b><br>0.25                                                                                                         |
| <b>Coating:</b><br>YAG-BBAR (500-1100nm)                                                                                                      |
| <b>Type:</b><br>Plano-Convex Lens                                                                                                             |
| <b>Wavelength Range (nm):</b><br>500 - 1100                                                                                                   |
| <b>Bevel:</b><br>Protective bevel as needed                                                                                                   |
| <b>Center Thickness CT (mm):</b><br>6.00                                                                                                      |
| <b>Center Thickness Tolerance (mm):</b><br>±0.1                                                                                               |
| <b>Clear Aperture CA (mm):</b><br>28                                                                                                          |
| <b>Coating Specification:</b><br>R <sub>abs</sub> <0.25% @ 532nm<br>R <sub>abs</sub> <0.25% @ 1064nm<br>R <sub>avg</sub> <1.0% @ 500 - 1100nm |
| <b>Edge Thickness ET (mm):</b><br>2.13                                                                                                        |
| <b>Focal Length Specification Wavelength (nm):</b><br>587.6                                                                                   |
| <b>Focal Length Tolerance (%):</b><br>±1                                                                                                      |
| <b>Housing Diameter (mm):</b><br>41.00                                                                                                        |
| <b>Housing Length (mm):</b><br>24.60                                                                                                          |
| <b>Radius R<sub>1</sub> (mm):</b><br>31.01                                                                                                    |
| <b>Surface Quality:</b><br>40-20                                                                                                              |
| <b>Working Distance (mm):</b><br>47.7 @ 532nm<br>48.3 @ 1064nm                                                                                |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br>5 J/cm <sup>2</sup> @ 532nm, 10ns                                             |
| <b>Lens Included:</b><br><a href="#">#88-907</a>                                                                                              |
| <b>Power (P-V) @ 632.8nm:</b><br>1.5λ                                                                                                         |
| <b>Irregularity (P-V) @ 632.8nm:</b><br>λ/4                                                                                                   |

Regulatory Compliance

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