

**TECHSPEC® 11.2mm CA, 12mm FL, Mounted MgF<sub>2</sub> Coated Plano-Convex Lens**



Mounted MgF<sub>2</sub> Coated Plano-Convex (PCX) Lenses



Stock **#12-913** CLEARANCE 3-4 DAYS

⊖ 1 ⊕

**£36.51**

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Qty 1+

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Effective Focal Length EFL (mm):  
12.00

Substrate: ☐  
[N-SF11](#)

f/#:  
1

|                                                                        |
|------------------------------------------------------------------------|
| <b>Numerical Aperture NA:</b><br>0.50                                  |
| <b>Coating:</b><br>MgF <sub>2</sub> (400-700nm)                        |
| <b>Type:</b><br>Plano-Convex Lens                                      |
| <b>Wavelength Range (nm):</b><br>400 - 700                             |
| <b>Back Focal Length BFL from Housing (mm):</b><br>8.76                |
| <b>Bevel:</b><br>Protective bevel as needed                            |
| <b>Clear Aperture CA (mm):</b><br>11.2                                 |
| <b>Coating Specification:</b><br>R <sub>avg</sub> ≤1.75% @ 400 - 700nm |
| <b>Edge Thickness ET (mm):</b><br>1.84                                 |
| <b>Focal Length Specification Wavelength (nm):</b><br>587.6            |
| <b>Focal Length Tolerance (%):</b><br>±1                               |
| <b>Radius R<sub>1</sub> (mm):</b><br>9.42                              |
| <b>Surface Quality:</b><br>40-20                                       |
| <b>Lens Included:</b><br><a href="#">#45-084</a>                       |
| <b>Mount Included:</b><br><a href="#">#54-615</a>                      |
| <b>Mount Diameter (mm):</b><br>30.0                                    |
| <b>Extension Length (mm):</b><br>5.6                                   |
| <b>Total Length (mm):</b><br>9.6                                       |
| <b>Thread Type:</b><br>C-Mount                                         |
| <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> |