

**TECHSPEC® 22mm CA, 175mm FL, Mounted MgF<sub>2</sub> Coated Achromatic Doublet Lens**



TECHSPEC® Mounted MgF2 Coated Achromatic Lenses

Stock #13-012 CLEARANCE 10 TO 12 DAYS

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1

+

₹8,957.00

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Qty 1+

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Effective Focal Length EFL (mm):  
175.00

Substrate: ☐  
[N-BK7](#) / [N-SF5](#)

f/#:  
7.00

Numerical Aperture NA:  
0.07

Coating:

|                                                                       |
|-----------------------------------------------------------------------|
| MgF <sub>2</sub> (400-700nm)                                          |
| <b>Type:</b><br>Achromatic Lens                                       |
| <b>Wavelength Range (nm):</b><br>400 - 700                            |
| <b>Back Focal Length BFL from Housing (mm):</b><br>165.31             |
| <b>Bevel:</b><br>Protective bevel as needed                           |
| <b>Clear Aperture CA (mm):</b><br>22.0                                |
| <b>Coating Specification:</b><br>R <sub>avg</sub> ≤1.75% @400 - 700nm |
| <b>Edge Thickness ET (mm):</b><br>7.94                                |
| <b>Focal Length Specification Wavelength (nm):</b><br>587.6           |
| <b>Focal Length Tolerance (%):</b><br>±2                              |
| <b>Radius R<sub>1</sub> (mm):</b><br>109.16                           |
| <b>Radius R<sub>2</sub> (mm):</b><br>-79.38                           |
| <b>Radius R<sub>3</sub> (mm):</b><br>-226.03                          |
| <b>Surface Quality:</b><br>40-20                                      |
| <b>Lens Included:</b><br><a href="#">#32-884</a>                      |
| <b>Mount Included:</b><br><a href="#">#56-354</a>                     |
| <b>Mount Diameter (mm):</b><br>30.0                                   |
| <b>Extension Length (mm):</b><br>24.2                                 |
| <b>Total Length (mm):</b><br>28.2                                     |
| <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> |