

TECHSPEC<sup>®</sup> 25mm Dia. x 85mm FL, MgF<sub>2</sub> Coated, Achromatic Doublet Lens



MgF<sub>2</sub> Coated Achromatic Lenses



Stock **#45-213** 10 TO 12 DAYS

[Other Coating Options](#)



1



₹9,135.00

ADD TO CART

Qty 1-5

₹9,135.00

Qty 6+

₹7,308.00

Volume Pricing

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Diameter (mm):  
25.00 +0.0/-0.025

Effective Focal Length EFL (mm):

|                                                                 |
|-----------------------------------------------------------------|
| 85.00                                                           |
| Focal Length Tolerance (%):<br>±1                               |
| Back Focal Length BFL (mm):<br>81.21                            |
| Focal Length Specification Wavelength (nm):<br>587.6            |
| Clear Aperture CA (mm):<br>24.00                                |
| Centering (arcmin):<br><1                                       |
| Center Thickness CT (mm):<br>8.01 ±0.20                         |
| Center Thickness CT 1 (mm):<br>5.01 ±0.10                       |
| Center Thickness CT 2 (mm):<br>3.00 ±0.10                       |
| Radius R <sub>1</sub> (mm):<br>55.68                            |
| Radius R <sub>2</sub> (mm):<br>-38.37                           |
| Radius R <sub>3</sub> (mm):<br>-146.45                          |
| Edge Thickness ET (mm):<br>6.05                                 |
| Substrate: <a href="#">N-SK11</a> / <a href="#">N-SF5</a>       |
| Surface Quality:<br>40-20                                       |
| f/#:<br>3.4                                                     |
| Numerical Aperture NA:<br>0.15                                  |
| Coating:<br>MgF <sub>2</sub> (400-700nm)                        |
| Coating Specification:<br>R <sub>avg</sub> ≤1.75% @ 400 - 700nm |
| Power (P-V) @ 632.8nm:<br>1.5λ                                  |
| Irregularity (P-V) @ 632.8nm:<br>λ/4                            |
| Bevel:<br>Protective bevel as needed                            |
| Type:<br>Achromatic Lens                                        |
| Wavelength Range (nm):<br>400 - 700                             |

Regulatory Compliance

|                                                     |
|-----------------------------------------------------|
| RoHS 2015:<br><a href="#">Compliant</a>             |
| Reach 224:<br><a href="#">Compliant</a>             |
| Certificate of Conformance:<br><a href="#">View</a> |