

TECHSPEC<sup>®</sup> 25mm Dia. x 25mm EFL Precision Aspherized Achromatic Lens



Stock #85-302 11 In Stock

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+

A\$2,131<sup>.20</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | A\$2,131.20 each              |
| Qty 6-25       | A\$1,921.60 each              |
| Qty 26-49      | A\$1,868.80 each              |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

| General                          |                         |
|----------------------------------|-------------------------|
| Achromatic Lens                  | Type:                   |
| Physical & Mechanical Properties |                         |
| 25.00 +0.0/-0.1                  | Diameter (mm):          |
| 22.5                             | Clear Aperture CA (mm): |

|       |                             |
|-------|-----------------------------|
| ≤3    | Centering (arcmin):         |
| 25.00 | Center Thickness CT (mm):   |
| 17.00 | Center Thickness CT 1 (mm): |
| 8.0   | Center Thickness CT 2 (mm): |
| 16.92 | Edge Thickness ET (mm):     |

|                                      |                                             |
|--------------------------------------|---------------------------------------------|
| Optical Properties                   |                                             |
| 25.00                                | Effective Focal Length EFL (mm):            |
| 16.40                                | Back Focal Length BFL (mm):                 |
| 587.6                                | Focal Length Specification Wavelength (nm): |
| N-PK51 / S-NPH2                      | Substrate: <input type="checkbox"/>         |
| 20-10                                | Surface Quality:                            |
| 1.00                                 | f/#:                                        |
| 0.50                                 | Numerical Aperture NA:                      |
| MgF <sub>2</sub> (400-700nm)         | Coating:                                    |
| R <sub>avg</sub> ≤1.75% @400 - 700nm | Coating Specification:                      |
| 450 - 700                            | Wavelength Range (nm):                      |
| 0.8λ                                 | Asphere Figure Error, RMS @ 632.8nm:        |

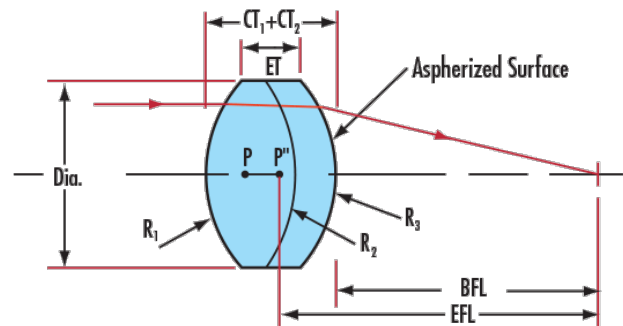
|                       |                             |
|-----------------------|-----------------------------|
| Regulatory Compliance |                             |
| View                  | Certificate of Conformance: |

Product Details

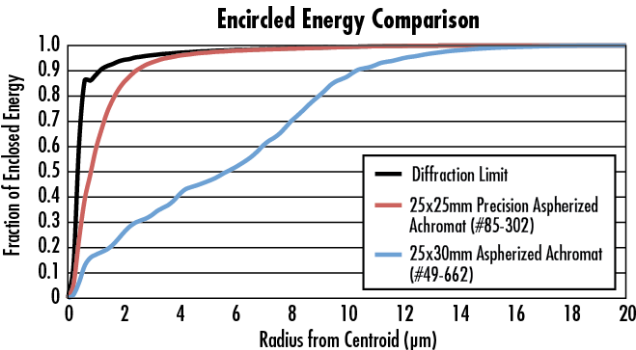
- All Glass Color-Corrected Asphere
- Ideal for Imaging and Biotech Applications
- MgF<sub>2</sub> Coated

Featuring an all glass design, TECHSPEC® Precision Aspherized Achromatic Lenses are truly achromatic, with less than 10µm of lateral chromatic aberration. These achromatic lenses are diffraction limited over the full visible spectrum, and have high numerical apertures for increased light throughput and small spot sizes. TECHSPEC® Precision Aspherized Achromatic Lenses are ideal for fluorescence microscopy, low signal-to-noise imaging applications, and multiple laser biotech applications.

Technical Information



CT: Center Thickness, ET: Edge Thickness, R: Radius, P: Principal Plane, BFL: Back Focal Length, EFL: Effective Focal Length



# Coating Curves

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