

TECHSPEC® 25mm Dia. x 20mm EFL Precision Aspherized Achromatic Lens



Stock **#85-301** **5 In Stock**

⊖ 1 ⊕ £1,065⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	£1,065.60 each
Qty 6-25	£960.80 each
Qty 26-49	£934.40 each
Need More?	Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

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):
23.20	Center Thickness CT (mm):
15.00	Center Thickness CT 1 (mm):
8.2	Center Thickness CT 2 (mm):
11.75	Edge Thickness ET (mm):

Optical Properties

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

Regulatory Compliance

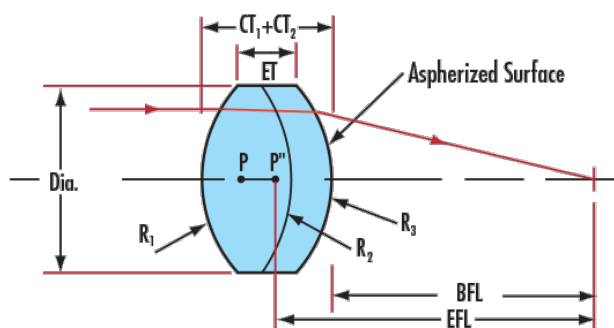
View	Certificate of Conformance:
----------------------	-----------------------------

Product Details

- All Glass Color-Corrected Asphere
- Ideal for Imaging and Biotech Applications
- MgF₂ 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

Compatible Mounts

