

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



Stock **#85-302** 11 In Stock

-

1

+

S\$1,864^{.80}

ADD TO CART

Volume Pricing	
Qty 1-5	S\$1,864.80 each
Qty 6-25	S\$1,681.40 each
Qty 26-49	S\$1,635.20 each
Need More?	Request Quote

Product Downloads

General

Type:
Achromatic Lens

Physical & Mechanical Properties

Diameter (mm):
25.00 +0.0/-0.1

Clear Aperture CA (mm):
22.5

≤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: ☐
20-10	Surface Quality:
1.00	f/#:
0.50	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:

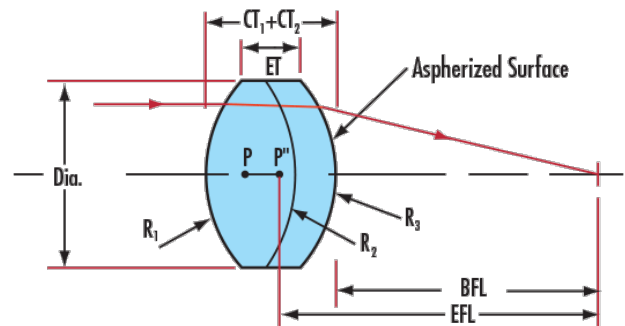
Regulatory Compliance	
View	Certificate of Conformance:

Product Details

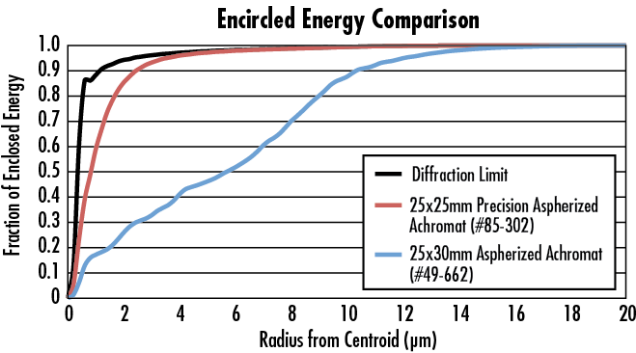
- All Glass Color-Corrected Asphere
- Ideal for Imaging and Biotech Applications
- MgF₂ Coated

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

;