

[All Products](#) / [Optics](#) / [Optical Lenses](#) / [Achromatic Lenses](#)
TECHSPEC® Precision Aspherized Achromatic Lenses


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

Common Specifications

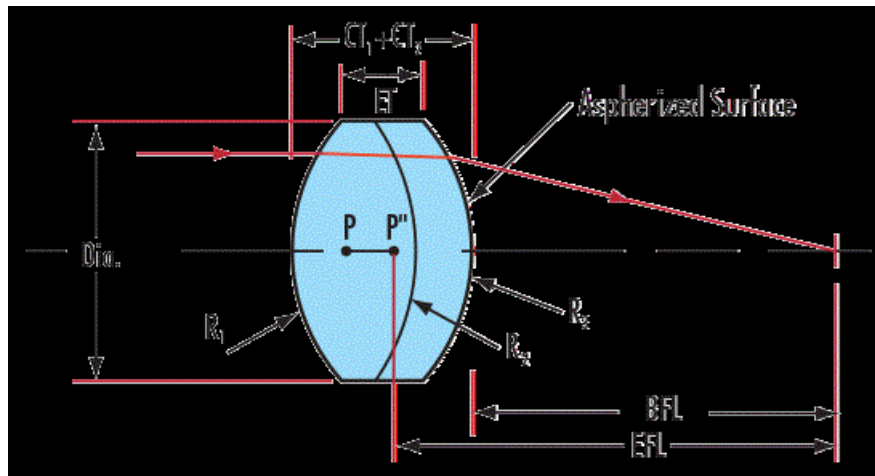
Physical & Mechanical Properties

Diameter (mm):	25.00 +0.0/-0.1	Clear Aperture CA (mm):	22.5
Centering (arcmin):	≤3		

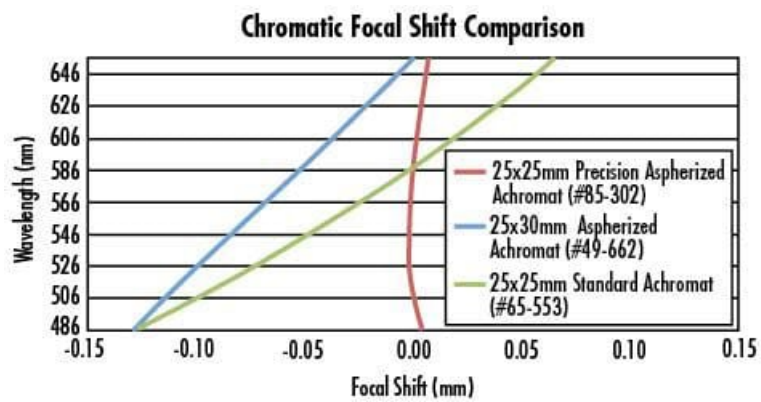
Optical Properties

Focal Length Specification Wavelength (nm):	587.6		
Substrate:	N-PK51 / S-NPH2	Surface Quality:	20-10
Coating:	MgF ₂ (400-700nm)	Coating Specification:	R _{avg} ≤1.75% @ 400 - 700nm
Wavelength Range (nm):	450 - 700	Asphere Figure Error, RMS @ 632.8nm:	0.8λ

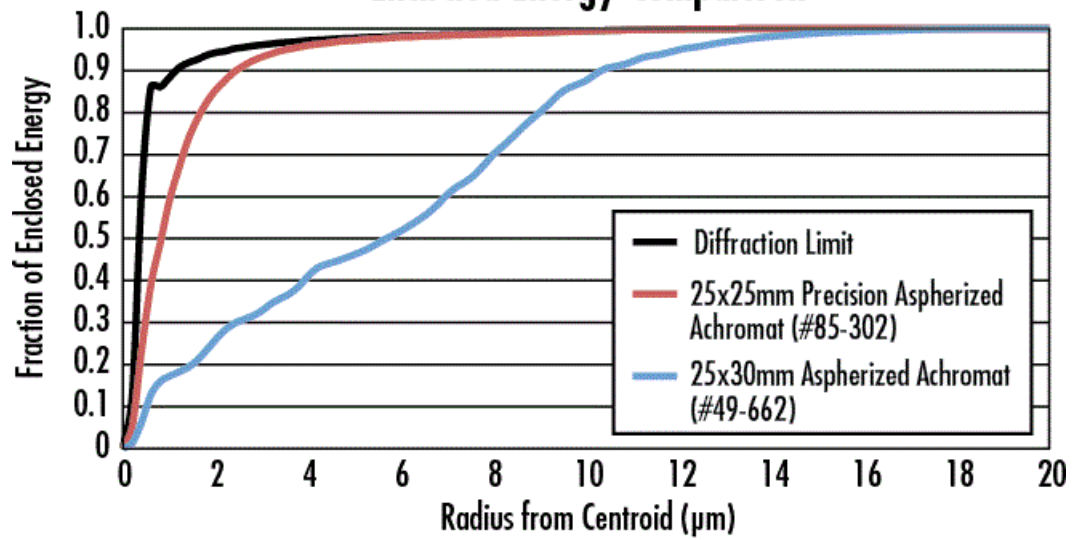
Technical Information



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



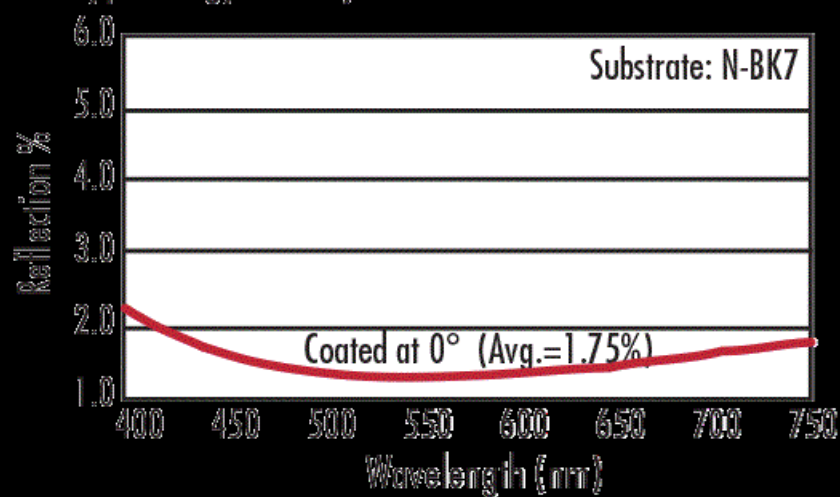
Encircled Energy Comparison



MgF₂ Coating

R_{avg} ≤ 1.75% @ 400 - 700nm

Typ. Energy Density Limit: 10 J/cm² @ 532nm, 10ns



Products

Dia. (mm)	EFL (mm)	BFL (mm)	CT (mm)	Substrate	Coating	Stock Number	Price	Buy
25.00	20.00	8.56	23.20	N-PK51 / S-NPH2	MgF ₂ (400-700nm)	#85-301	₹94,977 Volume Pricing	7 In Stock
25.00	25.00	16.40	25.00	N-PK51 / S-NPH2	MgF ₂ (400-700nm)	#85-302	₹94,977 Volume Pricing	2 In Stock



Copyright 2023, Edmund Optics India Private Limited, #267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038

Phone: 1-800-363-1992 :

www.edmundoptics.com