

[All Products](#) / [Optics](#) / [Optical Lenses](#) / [Achromatic Lenses](#)

TECHSPEC®

Large Precision Achromatic Lenses



- Offered in Cemented or Air-Spaced Designs
- Mounted Versions Available for Easy Integration
- Feature MgF₂ Anti-Reflection Coating

Common Specifications

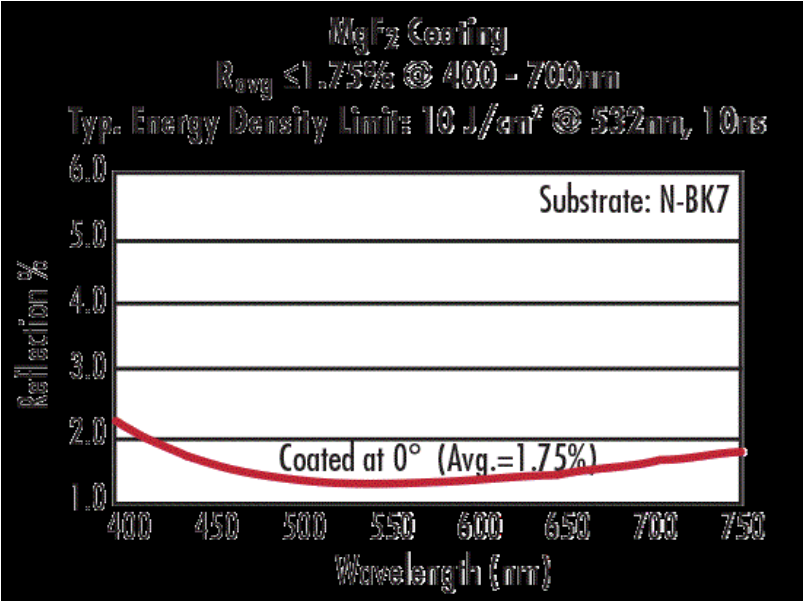
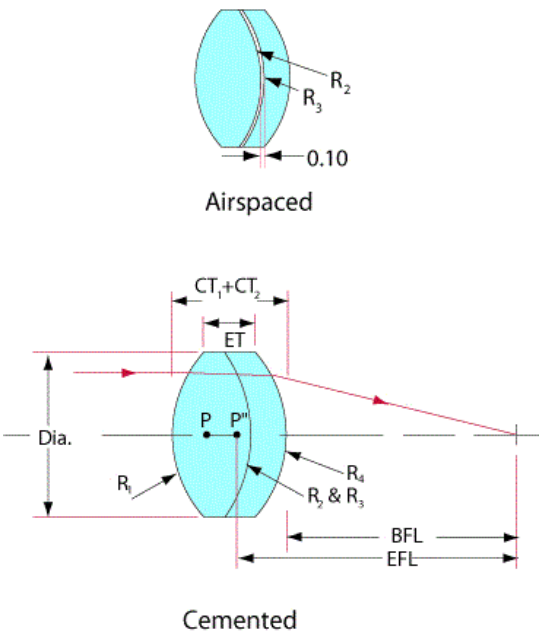
Physical & Mechanical Properties

Centering (arcmin):	5.00	Bevel:	Protective as needed
---------------------	------	--------	----------------------

Optical Properties

Focal Length Tolerance (%):	±1	Focal Length Specification Wavelength (nm):	587.6
Substrate:	N-BK7 / N-SF2	Surface Quality:	60-40
Coating:	MgF ₂ (400-700nm)	Coating Specification:	R _{avg} ≤ 1.75% @ 400 - 700nm
Wavelength Range (nm):	400 - 700		

Technical Information



Products

Dia. (mm)	EFL (mm)	BFL (mm)	Substrate	Coating	Construction	Stock Number	Price	Buy
63.50	354.87	344.52	N-BK7 / N-SF2	MgF ₂ (400-700nm)	Unmounted, Cemented	#31-402	S\$520.80 Volume Pricing	20+ In Stock
63.50	486.30	476.42	N-BK7 / N-SF2	MgF ₂ (400-700nm)	Unmounted, Cemented	#42-817	S\$520.80 Volume Pricing	20+ In Stock
76.56	849.96	838.69	N-BK7 / N-SF2	MgF ₂ (400-700nm)	Unmounted, Airspaced 0.10mm	#30-976	S\$798.00 Volume Pricing	15 In Stock
90.00	849.96	838.69	N-BK7 / N-SF2	MgF ₂ (400-700nm)	Mounted, Airspaced 0.10mm	#54-567	S\$952.00 Volume Pricing	3 In Stock
102.31	1,524.73	1514.53	N-BK7 / N-SF2	MgF ₂ (400-700nm)	Unmounted, Airspaced 0.10mm	#50-107	S\$1,974.00 Volume Pricing	6 In Stock
116.00	1,524.73	1514.53	N-BK7 / N-SF2	MgF ₂ (400-700nm)	Mounted, Airspaced 0.10mm	#54-568	S\$2,086.00 Volume Pricing	5 In Stock
128.02	1,900.24	1887.58	N-BK7 / N-SF2	MgF ₂ (400-700nm)	Unmounted, Airspaced 0.10mm	#70-163	S\$2,030.00 Volume Pricing	10 In Stock
140.00	1,900.24	1887.58	N-BK7 / N-SF2	MgF ₂ (400-700nm)	Mounted, Airspaced 0.10mm	#54-569	S\$2,142.00 Volume Pricing	3 In Stock



Copyright 2024, Edmund Optics Singapore Pte. Ltd, 18 Woodlands Loop #04-00, Singapore 738100

[PRIVACY POLICY](#) [COOKIE POLICY](#) [TERMS & CONDITIONS](#)

Phone: 1-800-363-1992 :

www.edmundoptics.com