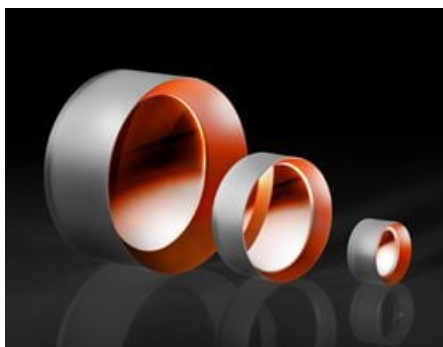


[All Products](#) / [Optics](#) / [Optical Lenses](#) / [Achromatic Lenses](#)

TECHSPEC® MgF₂ Coated Negative Achromatic Lenses



- Magnesium Fluoride (MgF₂) Coating
- Used to Extend Focal Length
- [Broadband AR Coated Negative Achromatic Lenses](#) Also Available

Common Specifications

Physical & Mechanical Properties

Bevel:

Protective bevel as needed

Optical Properties

 Focal Length Tolerance
 (%):

 ± 1

 Focal Length
 Specification
 Wavelength (nm):

587.6

Surface Quality:

40-20

Coating:

 MgF₂ (400-700nm)

Coating Specification:

 $R_{avg} \leq 1.75\% @ 400 - 700nm$

Power (P-V) @ 632.8nm:

 1.5λ

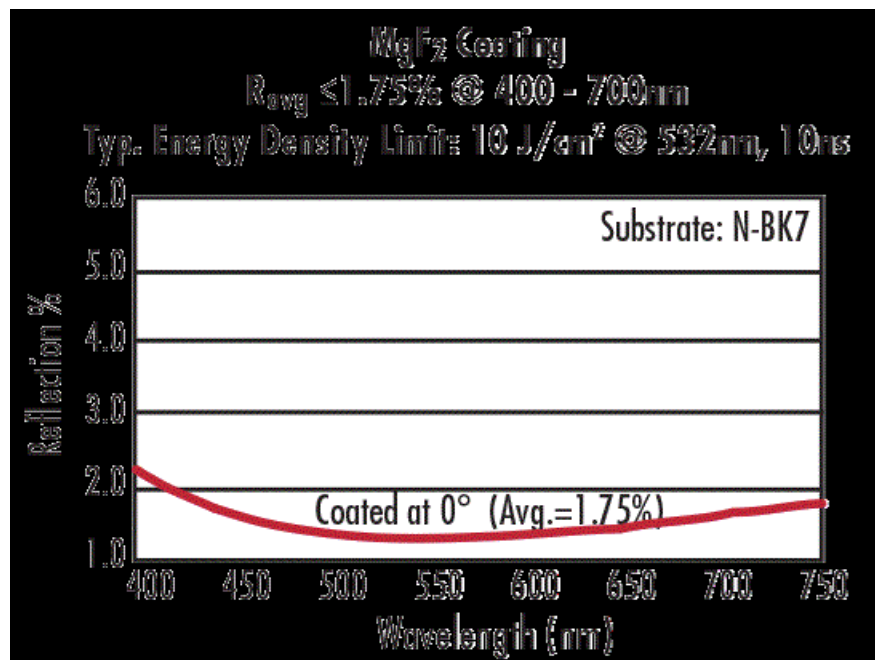
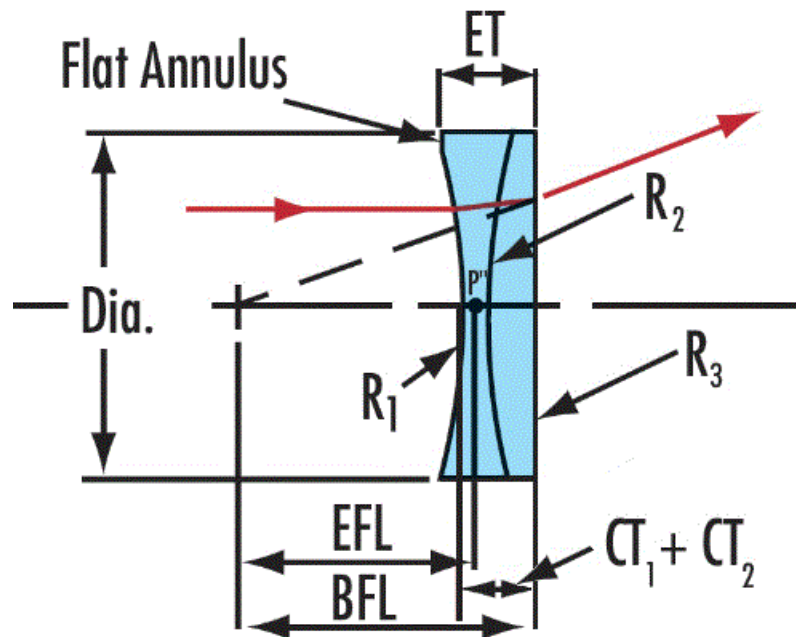
 Irregularity (P-V) @
 632.8nm:

 $\lambda/4$

 Wavelength Range
 (nm):

400 - 700

Technical Information



Products

Dia. (mm)	EFL (mm)	BFL (mm)	Substrate	Coating	Stock Number	Price	Buy
6.25	-7.50	-9.90	N-BAF10 / N-SF10	MgF ₂ (400-700nm)	#62-472	€68,50 Qty 6+ €58,00	In Stock
6.25	-10.00	-11.92	N-BAF10 / N-SF10	MgF ₂ (400-700nm)	#62-473	€68,50 Qty 6+ €58,00	3-4 days
6.25	-12.50	-12.89	N-BAF10 / N-SF10	MgF ₂ (400-700nm)	#45-420	€68,50 Qty 6+ €58,00	In Stock
6.25	-25.00	-26.53	N-BAF10 / N-SF10	MgF ₂ (400-700nm)	#45-421	€68,50 Qty 6+ €58,00	3-4 days
9.00	-12.00	-13.78	N-BK7 / N-SF5	MgF ₂ (400-700nm)	#62-474	€72,50 Qty 6+ €58,00	3-4 days
9.00	-25.00	-27.33	N-BAF10 / N-SF10	MgF ₂ (400-700nm)	#45-828	€72,50 Qty 6+ €58,00	3-4 days
12.50	-15.00	-18.08	N-BAF10 / N-SF10	MgF ₂ (400-700nm)	#48-350	€84,00 Qty 6+ €67,00	3-4 days
12.50	-20.00	-22.88	N-BAF10 / N-SF10	MgF ₂ (400-700nm)	#62-475	€84,00 Qty 6+ €67,00	3-4 days
12.50	-25.00	-27.33	N-BAF10 / N-SF10	MgF ₂ (400-700nm)	#45-219	€84,00 Qty 6+ €67,00	3-4 days
12.50	-35.00	-36.51	N-BK7 / N-SF5	MgF ₂ (400-700nm)	#45-424	€84,00 Qty 6+ €67,00	In Stock
12.50	-50.00	-51.58	N-BK7 / N-SF5	MgF ₂ (400-700nm)	#45-220	€84,00 Qty 6+ €67,00	3-4 days
12.50	-75.00	-77.47	N-BK7 / N-SF5	MgF ₂ (400-700nm)	#47-016	€84,00 Qty 6+ €67,00	3-4 days
25.00	-30.00	-36.15	N-BAF10 / N-SF10	MgF ₂ (400-700nm)	#48-351	€112,00 Qty 6+ €90,00	3-4 days
25.00	-40.00	-44.40	N-BAF10 / N-SF10	MgF ₂ (400-700nm)	#62-476	€112,00 Qty 6+ €90,00	3-4 days
25.00	-50.00	-53.33	N-BAF10 / N-SF10	MgF ₂ (400-700nm)	#45-221	€112,00 Qty 6+ €90,00	3-4 days

25.00	-75.00	-77.65	N-BK7 / N-SF5	MgF ₂ (400-700nm)	#45-422	€112,00 Qty 6+ €90,00	In Stock
25.00	-	-	N-BAF10 / N-SF10	MgF ₂ (400-700nm)	#45-222	€112,00 Qty 6+ €90,00	In Stock
25.00	-	-	N-BK7 / N-SF5	MgF ₂ (400-700nm)	#45-423	€112,00 Qty 6+ €90,00	Contact Us
40.00	-60.00	-67.12	N-BAF10 / N-SF10	MgF ₂ (400-700nm)	#63-763	€179,00 Qty 6+ €143,00	3-4 days
40.00	-80.00	-84.47	N-BK7 / N-SF5	MgF ₂ (400-700nm)	#63-764	€179,00 Qty 6+ €143,00	3-4 days
40.00	-	-	N-BK7 / N-SF5	MgF ₂ (400-700nm)	#63-765	€179,00 Qty 6+ €143,00	3-4 days
40.00	-	-	N-BK7 / N-SF5	MgF ₂ (400-700nm)	#63-766	€179,00 Qty 6+ €143,00	3-4 days
40.00	-	-	N-BK7 / N-SF5	MgF ₂ (400-700nm)	#63-767	€179,00 Qty 6+ €143,00	3-4 days



Copyright 2023 | Edmund Optics, Ltd Unit 1, Opus Avenue, Nether Poppleton, York, YO26 6BL, UK
 Phone: 1-800-363-1992 :
www.edmundoptics.com