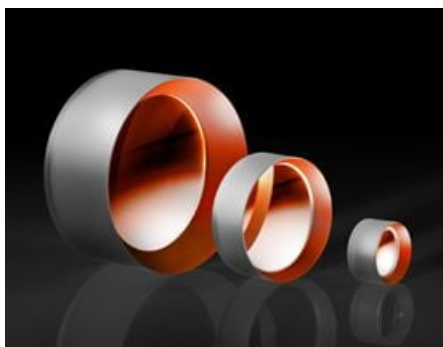


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TECHSPEC® MgF₂ Coated Negative Achromatic Lenses



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

Common Specifications

Physical & Mechanical Properties

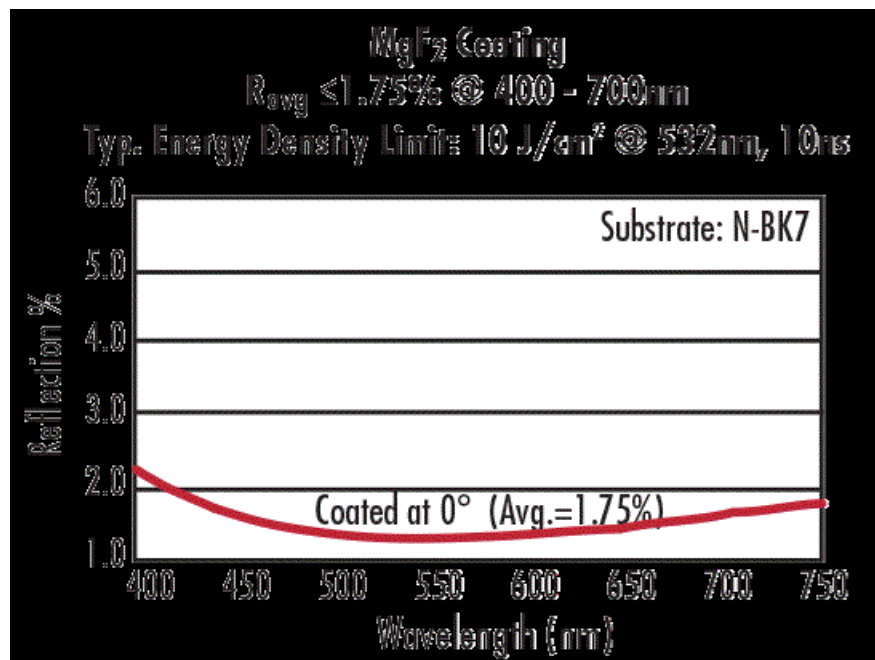
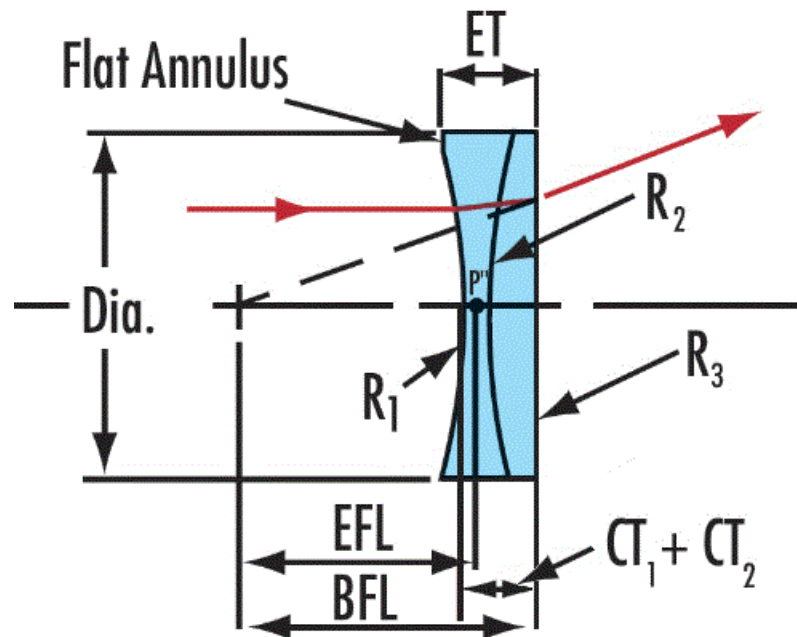
Bevel: Protective as needed

Optical Properties

Focal Length Tolerance (%) : ±1

Focal Length Specification Wavelength (nm):	587.6	Surface Quality:	40-20
Coating:	MgF ₂ (400-700nm)	Coating Specification:	R _{avg} ≤ 1.75% @ 400 - 700nm
Power (P-V) @ 632.8nm:	1.5λ	Irregularity (P-V) @ 632.8nm:	λ/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	£59.98 Volume Pricing	20+ In Stock
6.25	-10.00	-11.92	N-BAF10 / N-SF10	MgF ₂ (400-700nm)	#62-473	£59.98 Volume Pricing	20+ In Stock
6.25	-12.50	-12.89	N-BAF10 / N-SF10	MgF ₂ (400-700nm)	#45-420	£59.98 Volume Pricing	20+ In Stock
6.25	-25.00	-26.53	N-BAF10 / N-SF10	MgF ₂ (400-700nm)	#45-421	£59.98 Volume Pricing	20+ In Stock
9.00	-12.00	-13.78	N-BK7 / N-SF5	MgF ₂ (400-700nm)	#62-474	£63.48 Volume Pricing	20+ In Stock
9.00	-25.00	-27.33	N-BAF10 / N-SF10	MgF ₂ (400-700nm)	#45-828	£63.48 Volume Pricing	6 In Stock
12.50	-15.00	-18.08	N-BAF10 / N-SF10	MgF ₂ (400-700nm)	#48-350	£73.54 Volume Pricing	17 In Stock
12.50	-20.00	-22.88	N-BAF10 / N-SF10	MgF ₂ (400-700nm)	#62-475	£73.54 Volume Pricing	6 In Stock
12.50	-25.00	-27.33	N-BAF10 / N-SF10	MgF ₂ (400-700nm)	#45-219	£73.54 Volume Pricing	20+ In Stock
12.50	-35.00	-36.51	N-BK7 / N-SF5	MgF ₂ (400-700nm)	#45-424	£73.54 Volume Pricing	20+ In Stock
12.50	-50.00	-51.58	N-BK7 / N-SF5	MgF ₂ (400-700nm)	#45-220	£73.54 Volume Pricing	20+ In Stock
12.50	-75.00	-77.47	N-BK7 / N-SF5	MgF ₂ (400-700nm)	#47-016	£73.54 Volume Pricing	20+ In Stock
25.00	-30.00	-36.15	N-BAF10 / N-SF10	MgF ₂ (400-700nm)	#48-351	£98.06 Volume Pricing	20+ In Stock
25.00	-40.00	-44.40	N-BAF10 / N-SF10	MgF ₂ (400-700nm)	#62-476	£98.06 Volume Pricing	20+ In Stock
25.00	-50.00	-53.33	N-BAF10 / N-SF10	MgF ₂ (400-700nm)	#45-221	£98.06 Volume Pricing	20+ In Stock

25.00	-75.00	-77.65	N-BK7 / N-SF5	MgF ₂ (400-700nm)	#45-422	£98.06 Volume Pricing	20+ In Stock
25.00	-	-	N-BAF10 / N-SF10	MgF ₂ (400-700nm)	#45-222	£98.06 Volume Pricing	20+ In Stock
25.00	-	-	N-BK7 / N-SF5	MgF ₂ (400-700nm)	#45-423	£98.06 Volume Pricing	20+ In Stock
40.00	-60.00	-67.12	N-BAF10 / N-SF10	MgF ₂ (400-700nm)	#63-763	£156.71 Volume Pricing	20+ In Stock
40.00	-80.00	-84.47	N-BK7 / N-SF5	MgF ₂ (400-700nm)	#63-764	£156.71 Volume Pricing	20+ In Stock
40.00	-	-	N-BK7 / N-SF5	MgF ₂ (400-700nm)	#63-765	£156.71 Volume Pricing	20+ In Stock
40.00	-	-	N-BK7 / N-SF5	MgF ₂ (400-700nm)	#63-766	£156.71 Volume Pricing	20+ In Stock
40.00	-	-	N-BK7 / N-SF5	MgF ₂ (400-700nm)	#63-767	£156.71 Volume Pricing	9 In Stock



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