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TECHSPEC® MgF₂ Coated Plano-Concave (PCV) Lenses


- AR Coated to Provide <1.75% Reflectance per Surface for 400 - 700nm
- Designed for 0° Angle of Incidence
- Various Coating Options: [Uncoated](#), [VIS-EXT](#), [VIS 0°](#), [VIS-NIR](#), [YAG-BBAR](#), [NIR I](#), and [NIR II](#)

Common Specifications

Physical & Mechanical Properties

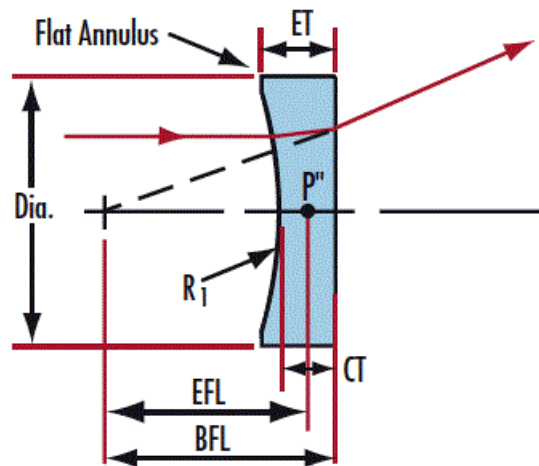
Bevel: Protective as needed

Optical Properties

Coating: MgF₂ (400-700nm)

Wavelength Range (nm):	400 - 700	Coating Specification:	R _{avg} ≤ 1.75% @ 400 - 700nm
Focal Length Specification Wavelength (nm):	587.6	Focal Length Tolerance (%):	±1
Power (P-V) @ 632.8nm:	1.5λ	Irregularity (P-V) @ 632.8nm:	λ/4

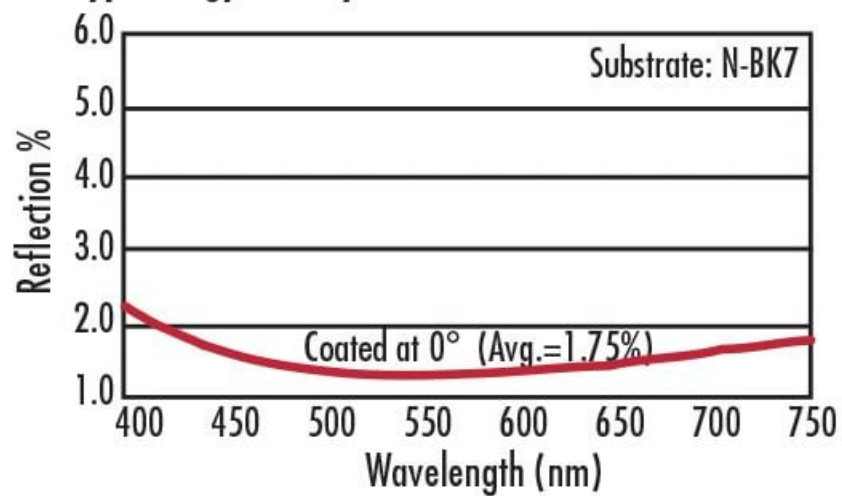
Technical Information



MgF₂ Coating

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

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



Products

Dia. (mm)	EFL (mm)	BFL (mm)	Coating	Substrate	Stock Number	Price	Buy
3.00	-6.00	-6.56	MgF ₂ (400-700nm)	N-SF11	#45-373	₹4,360 Volume Pricing	20+ In Stock
3.00	-9.00	-9.56	MgF ₂ (400-700nm)	N-SF11	#45-375	₹4,360 Volume Pricing	Contact Us
6.00	-6.00	-6.84	MgF ₂ (400-700nm)	N-SF11	#45-007	₹2,764 Volume Pricing	20+ In Stock
6.00	-9.00	-9.84	MgF ₂ (400-700nm)	N-SF11	#48-337	₹2,764 Volume Pricing	17 In Stock
6.00	-12.00	-12.99	MgF ₂ (400-700nm)	N-BK7	#45-009	₹2,764 Volume Pricing	20+ In Stock
6.00	-15.00	-16.32	MgF ₂ (400-700nm)	N-BK7	#48-684	₹2,764 Volume Pricing	11 In Stock
6.00	-18.00	-19.32	MgF ₂ (400-700nm)	N-BK7	#45-011	₹2,764 Volume Pricing	2 In Stock
9.00	-9.00	-10.21	MgF ₂ (400-700nm)	N-SF11	#45-379	₹2,842 Volume Pricing	3 In Stock
9.00	-12.00	-13.26	MgF ₂ (400-700nm)	N-SF11	#48-338	₹2,842 Volume Pricing	20+ In Stock
9.00	-18.00	-19.26	MgF ₂ (400-700nm)	N-SF11	#45-381	₹2,842 Volume Pricing	20+ In Stock
9.00	-27.00	-28.68	MgF ₂ (400-700nm)	N-SF11	#45-383	₹2,842 Volume Pricing	20+ In Stock
12.00	-12.00	-13.23	MgF ₂ (400-700nm)	N-SF11	#45-015	₹2,880 Volume Pricing	20+ In Stock
12.00	-15.00	-16.68	MgF ₂ (400-700nm)	N-SF11	#48-685	₹2,880 Volume Pricing	14 In Stock
12.00	-18.00	-19.95	MgF ₂ (400-700nm)	N-SF11	#48-339	₹2,880 Volume Pricing	17 In Stock
12.00	-24.00	-26.32	MgF ₂ (400-700nm)	N-BK7	#45-017	₹2,880 Volume Pricing	7 In Stock

12.00	-48.00	-50.31	MgF ₂ (400-700nm)	N-BK7	#45-019	₹2,880 Volume Pricing	20+ In Stock
20.00	-30.00	-31.96	MgF ₂ (400-700nm)	N-SF11	#45-021	₹2,997 Volume Pricing	14 In Stock
20.00	-40.00	-42.31	MgF ₂ (400-700nm)	N-BK7	#45-023	₹2,997 Volume Pricing	20+ In Stock
20.00	-50.00	-52.31	MgF ₂ (400-700nm)	N-BK7	#45-025	₹2,997 Volume Pricing	14 In Stock
20.00	-	-	MgF ₂ (400-700nm)	N-BK7	#22-244	₹2,997 Volume Pricing	6 In Stock
25.00	-25.00	-26.96	MgF ₂ (400-700nm)	N-SF11	#45-031	₹3,095 Volume Pricing	Contact Us
25.00	-35.00	-36.96	MgF ₂ (400-700nm)	N-SF11	#48-686	₹3,095 Volume Pricing	11 In Stock
25.00	-50.00	-52.31	MgF ₂ (400-700nm)	N-BK7	#45-029	₹3,095 Volume Pricing	20+ In Stock
25.00	-	-	MgF ₂ (400-700nm)	N-BK7	#45-027	₹3,095 Volume Pricing	20+ In Stock
50.00	-	-	MgF ₂ (400-700nm)	N-BK7	#45-037	₹4,632 Volume Pricing	7 In Stock
50.00	-	-	MgF ₂ (400-700nm)	N-BK7	#45-039	₹4,632 Volume Pricing	20+ In Stock



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