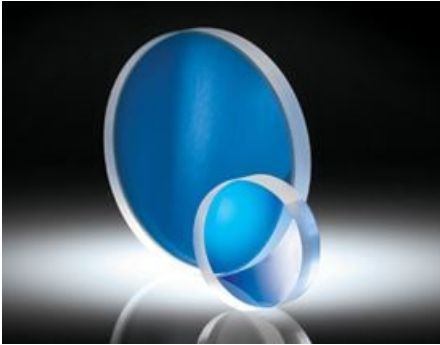


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TECHSPEC® Spherical Aberration Compensation Plates

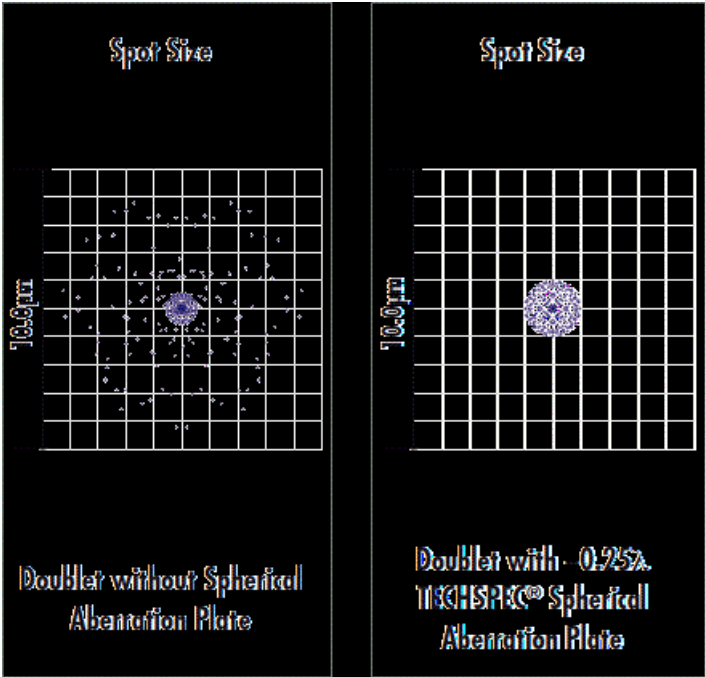


- Precision N-BK7 Substrate
- Optimized for Use in Collimated Light with Small Fields of View
- Transmitted Wave Front Accurate to $\lambda/16$

Common Specifications

Physical & Mechanical Properties			
Bevel:	Protective as needed	Clear Aperture (%):	>85
Edges:	Fine Ground	Knoop Hardness (kg/mm ²):	610
Parallelism (arcmin):	<1	Poisson's Ratio:	0.206
Young's Modulus (GPa):	82		
Optical Properties			
Abbe Number (v _d):	64.17		
Coating:	Uncoated	Index of Refraction (n _d):	1.516
Substrate:	N-BK7	Surface Quality:	60-40
Wavelength Range (nm):	350 - 2200		
Material Properties			
Coefficient of Thermal Expansion CTE (10 ⁻⁶ /°C):	7.1 (-30 to +70°C) 8.3 (+20 to +300°C)		
Density (g/cm ³):	2.51		

Technical Information



Products

Aberration	Dia. (mm)	Thickness (mm)	Stock Number	Price	Buy
+0.25λ	12.50	3.00	#66-749	€437,00	3-4 days
-0.25λ	12.50	3.00	#66-750	€437,00	3-4 days
+0.50λ	12.50	3.00	#66-751	€437,00	3-4 days
-0.50λ	12.50	3.00	#66-752	€437,00	3-4 days
+1.00λ	12.50	3.00	#66-753	€437,00	3-4 days
-1.00λ	12.50	3.00	#66-754	€437,00	3-4 days
+0.25λ	25.00	4.00	#66-755	€570,00	3-4 days
-0.25λ	25.00	4.00	#66-756	€570,00	3-4 days
+0.50λ	25.00	4.00	#66-757	€570,00	3-4 days
-0.50λ	25.00	4.00	#66-758	€570,00	In Stock
+1.00λ	25.00	4.00	#66-759	€570,00	3-4 days
-1.00λ	25.00	4.00	#66-760	€570,00	In Stock



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