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**TECHSPEC®**

# Spherical Aberration Compensation Plates



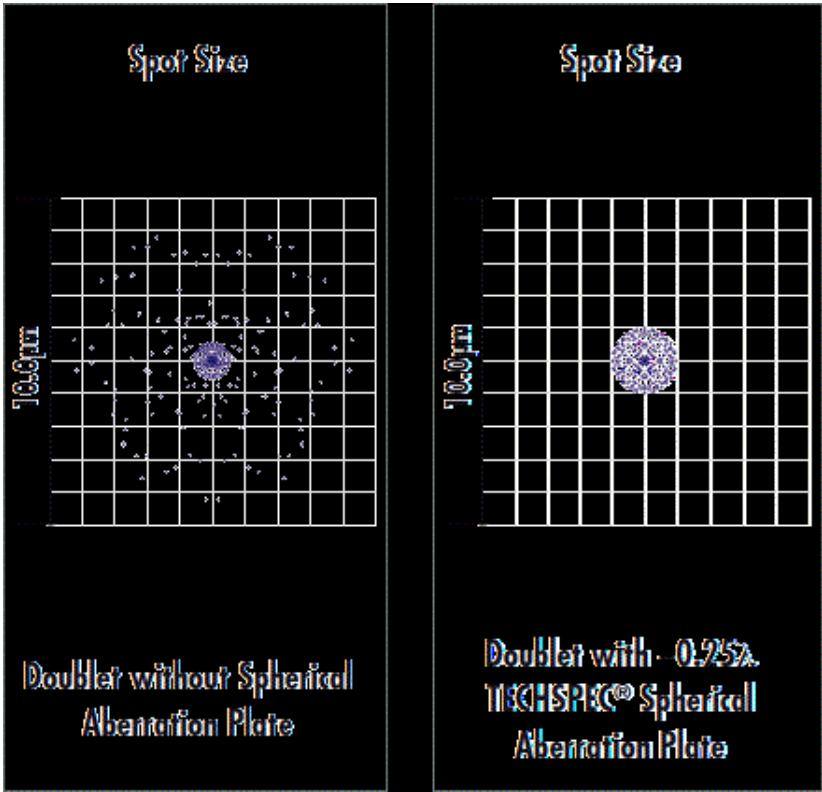
- Precision N-BK7 Substrate
- Optimized for Use in Collimated Light with Small Fields of View
- Transmitted Wave Front Accurate to  $\lambda/16$

## Common Specifications

<b>Type of Window:</b>		Glass	
<b>Parallelism (arcmin):</b>	<1		
<b>Dimensional Tolerance (mm):</b>	+0.00/-0.25	<b>Bevel:</b>	Protective as needed
<b>Clear Aperture (%):</b>	>85	<b>Edges:</b>	Fine Ground
<b>Poisson's Ratio:</b>	0.21	<b>Young's Modulus (GPa):</b>	82

<b>Knoop Hardness (kg/mm<sup>2</sup>):</b>	610.00		
<b>Coating:</b>	Uncoated		
<b>Substrate:</b>	<a href="#">N-BK7</a>	<b>Index of Refraction (n<sub>d</sub>):</b>	1.516
<b>Surface Quality:</b>	60-40	<b>Abbe Number (v<sub>d</sub>):</b>	64.17
<b>Wavelength Range (nm):</b>	350 - 2200		
<b>Density (g/cm<sup>3</sup>):</b>		2.51	
<b>Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):</b>		7.1 (-30 to +70°C) 8.3 (+20 to +300°C)	

# Technical Information



## Products

Aberration	Dia. (mm)	Thickness (mm)	Stock Number	Price	Buy
+0.25λ	12.50	3.00	<a href="#">#66-749</a>	C\$667.80	20+ In Stock
-0.25λ	12.50	3.00	<a href="#">#66-750</a>	C\$667.80	11 In Stock
+0.50λ	12.50	3.00	<a href="#">#66-751</a>	C\$667.80	Contact Us
-0.50λ	12.50	3.00	<a href="#">#66-752</a>	C\$667.80	Contact Us
+1.00λ	12.50	3.00	<a href="#">#66-753</a>	C\$667.80	14 In Stock
-1.00λ	12.50	3.00	<a href="#">#66-754</a>	C\$667.80	Contact Us
+0.25λ	25.00	4.00	<a href="#">#66-755</a>	C\$870.80	5 In Stock
-0.25λ	25.00	4.00	<a href="#">#66-756</a>	C\$870.80	Contact Us
+0.50λ	25.00	4.00	<a href="#">#66-757</a>	C\$870.80	1 In Stock
-0.50λ	25.00	4.00	<a href="#">#66-758</a>	C\$870.80	5 In Stock
+1.00λ	25.00	4.00	<a href="#">#66-759</a>	C\$870.80	1 In Stock
-1.00λ	25.00	4.00	<a href="#">#66-760</a>	C\$870.80	5 In Stock



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