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SUBMIT



Ultra-Thin N-BK7 Windows

Stock #22-043 3-4 DAYS



1



€197,50

ADD TO CART

Qty 1-5

€197,50

Qty 6+

€154,00

Volume Pricing

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Abbe Number ( $v_d$ ):  
64.17

Bevel:  
Protective as needed

Clear Aperture CA (mm):

|                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 45.00                                                                                                                                               |
| <b>Diameter (mm):</b><br>50.00 +0.00/-0.10                                                                                                          |
| <b>Thickness (mm):</b><br>0.20 ±0.025                                                                                                               |
| <b>Coating:</b><br>VIS-NIR (400-1000nm)                                                                                                             |
| <b>Coating Specification:</b><br>R <sub>abs</sub> ≤0.25% @ 880nm<br>R <sub>avg</sub> ≤1.25% @ 400 - 870nm<br>R <sub>avg</sub> ≤1.25% @ 890 - 1000nm |
| <b>Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):</b><br>7.1 (-30 to +70°C)<br>8.3 (+20 to +300°C)                                      |
| <b>Density (g/cm³):</b><br>2.51                                                                                                                     |
| <b>Edges:</b><br>Fine Ground                                                                                                                        |
| <b>Index of Refraction n<sub>d</sub>:</b><br>1.516                                                                                                  |
| <b>Knoop Hardness (kg/mm²):</b><br>610                                                                                                              |
| <b>Parallelism (arcsec):</b><br><30                                                                                                                 |
| <b>Poisson's Ratio:</b><br>0.206                                                                                                                    |
| <b>Substrate:</b><br><a href="#">N-BK7</a>                                                                                                          |
| <b>Surface Quality:</b><br>40-20                                                                                                                    |
| <b>Transmitted Wavefront, P-V:</b><br>λ/2                                                                                                           |
| <b>Type:</b><br>Protective Window                                                                                                                   |
| <b>Wavelength Range (nm):</b><br>400 - 1000                                                                                                         |
| <b>Young's Modulus (GPa):</b><br>82                                                                                                                 |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br>5 J/cm² @ 532nm, 10ns                                                               |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |
| <b>Reach 235:</b><br><a href="#">Compliant</a>             |