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SUBMIT

25 X 25 X 4mm MgF<sub>2</sub> Coated, N-BK7 window



Stock #27-852 CLEARANCE 3-4 DAYS

- 1 + €14,95

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Qty 1+

€14,95

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Abbe Number (v<sub>d</sub>):  
64.17

Bevel:  
Protective as needed

Clear Aperture CA (mm):  
22.50 x 22.50

Dimensions (mm):  
25.00 x 25.00

Thickness (mm):  
4.00 ±0.20

|                                                                                                                |
|----------------------------------------------------------------------------------------------------------------|
| <b>Coating:</b><br>MgF <sub>2</sub> (400-700nm)                                                                |
| <b>Coating Specification:</b><br>MgF <sub>2</sub> : ¼λ @ 550nm, R <sub>avg</sub> ≤ 1.75% @ 400 - 700nm         |
| <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 (arcmin):</b><br>≤5                                                                             |
| <b>Poisson's Ratio:</b><br>0.206                                                                               |
| <b>Substrate:</b><br><a href="#">N-BK7</a>                                                                     |
| <b>Surface Accuracy:</b><br>1λ                                                                                 |
| <b>Type:</b><br>Protective Window                                                                              |
| <b>Wavelength Range (nm):</b><br>400 - 700                                                                     |
| <b>Young's Modulus (GPa):</b><br>82                                                                            |
| <b>Length (mm):</b><br>25.00                                                                                   |
| <b>Width (mm):</b><br>25.00                                                                                    |

## Regulatory Compliance

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