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SUBMIT

TECHSPEC® 10mm Dia., 2mm Thick, VIS-NIR Coated  $\lambda$ /4 N-BK7 Window



Stock #45-657 ☐ In Stock

-

1

+

 €79,00

ADD TO CART

Qty 1-5

€79,00

Qty 6+

€63,25

Volume Pricing

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Abbe Number ( $v_d$ ):  
64.17

Bevel:  
Protective as needed

Clear Aperture (%):  
90

|                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>Clear Aperture CA (mm):<br/>9.00</div>                                                                                                              |
| <div>Diameter (mm):<br/>10.00 +0.0/-0.25</div>                                                                                                           |
| <div>Thickness (mm):<br/>2.00 ±0.20</div>                                                                                                                |
| <div>Coating:<br/>VIS-NIR (400-1000nm)</div>                                                                                                             |
| <div>Coating Specification:<br/>R<sub>abs</sub> ≤0.25% @ 880nm<br/>R<sub>avg</sub> ≤1.25% @ 400 - 870 nm<br/>R<sub>avg</sub> ≤1.25% @ 890 - 1000nm</div> |
| <div>Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):<br/>7.1 (-30 to +70°C)<br/>8.3 (+20 to +300°C)</div>                                     |
| <div>Density (g/cm³):<br/>2.51</div>                                                                                                                     |
| <div>Edges:<br/>Fine Ground</div>                                                                                                                        |
| <div>Index of Refraction n<sub>d</sub>:<br/>1.516</div>                                                                                                  |
| <div>Knoop Hardness (kg/mm²):<br/>610</div>                                                                                                              |
| <div>Parallelism (arcmin):<br/>&lt;1</div>                                                                                                               |
| <div>Poisson's Ratio:<br/>0.206</div>                                                                                                                    |
| <div>Substrate:<br/><a href="#">N-BK7</a></div>                                                                                                          |
| <div>Surface Flatness (P-V):<br/>λ/4</div>                                                                                                               |
| <div>Surface Quality:<br/>60-40</div>                                                                                                                    |
| <div>Type:<br/>Protective Window</div>                                                                                                                   |
| <div>Wavelength Range (nm):<br/>400 - 1000</div>                                                                                                         |
| <div>Young's Modulus (GPa):<br/>82</div>                                                                                                                 |
| <div>Damage Threshold, By Design: <input type="checkbox"/><br/>5 J/cm² @ 532nm, 10ns</div>                                                               |

## Regulatory Compliance

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