

**TECHSPEC®** 5mm Dia. 355nm Laser V-Coat, λ/20 Fused Silica Window



Uncoated λ/20 Fused Silica Window

Stock **#65-852** 3-5 DAYS

- 1 + **A\$216.00**

ADD TO CART

Qty 1-5

A\$216.00

Qty 6+

A\$194.40

Volume Pricing

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Angle of Incidence (°):  
0

Bevel:  
Protective as needed

Clear Aperture CA (mm):  
4.50

|                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>Coating:</div> <div>Laser V-Coat (355nm)</div>                                                                                                  |
| <div>Coating Specification:</div> <div>R<sub>abs</sub> &lt;0.25% @ 355nm</div>                                                                       |
| <div>Diameter (mm):</div> <div>5.00 +0.00/-0.10</div>                                                                                                |
| <div>Thickness (mm):</div> <div>3.00 ±0.10</div>                                                                                                     |
| <div>Design Wavelength DWL (nm):</div> <div>355</div>                                                                                                |
| <div>Parallelism (arcsec):</div> <div>≤5</div>                                                                                                       |
| <div>Substrate:</div> <div><a href="#">Fused Silica</a> Excimer Grade (Corning 7980 KrF)</div>                                                       |
| <div>Fused Silica Grade:</div> <div>7980 KrF 0A</div>                                                                                                |
| <div>Surface Quality:</div> <div>10-5</div>                                                                                                          |
| <div>Transmitted Wavefront, P-V:</div> <div>λ/20</div>                                                                                               |
| <div>Type:</div> <div>Laser Line Window</div>                                                                                                        |
| <div>Young's Modulus (GPa):</div> <div>73</div>                                                                                                      |
| <div>Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):</div> <div>0.52 (+5 to +35°C)<br/>0.57 (0 to +200°C)<br/>0.48 (-100 to +200°C)</div> |
| <div>Density (g/cm³):</div> <div>2.20</div>                                                                                                          |
| <div>Index of Refraction n<sub>d</sub>:</div> <div>1.458</div>                                                                                       |
| <div>Poisson's Ratio:</div> <div>0.16</div>                                                                                                          |
| <div>Abbe Number (v<sub>d</sub>):</div> <div>67.8</div>                                                                                              |
| <div>Edges:</div> <div>Fine Ground</div>                                                                                                             |
| <div>Damage Threshold, By Design: <div></div></div> <div>4 J/cm² @ 10ns</div>                                                                        |

## Regulatory Compliance

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|------------------------------------------------------------------------|
| <div>RoHS 2015:</div> <div><a href="#">Compliant</a></div>             |
| <div>REACH 201:</div> <div><a href="#">Compliant</a></div>             |
| <div>Certificate of Conformance:</div> <div><a href="#">View</a></div> |