

TECHSPEC® 5mm Dia. 266nm Laser V-Coat, λ/20 Fused Silica Window



Uncoated λ/20 Fused Silica Window

Stock #65-851 3-5 DAYS

-

1

+

A\$216.00

ADD TO CART

Qty 1-5

A\$216.00

Qty 6+

A\$194.40

Volume Pricing

[Request Quote](#)

Get Product Downloads



Angle of Incidence (°):  
0

Bevel:  
Protective as needed

Clear Aperture CA (mm):  
4.50

|                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Coating:</b><br>Laser V-Coat (266nm)                                                                                                |
| <b>Coating Specification:</b><br>R <sub>abs</sub> <0.25% @ 266nm                                                                       |
| <b>Diameter (mm):</b><br>5.00 +0.00/-0.10                                                                                              |
| <b>Thickness (mm):</b><br>3.00 ±0.10                                                                                                   |
| <b>Design Wavelength DWL (nm):</b><br>266                                                                                              |
| <b>Parallelism (arcsec):</b><br>≤5                                                                                                     |
| <b>Substrate:</b><br><a href="#">Fused Silica</a> Excimer Grade (Corning 7980 KrF)                                                     |
| <b>Fused Silica Grade:</b><br>7980 KrF 0A                                                                                              |
| <b>Surface Quality:</b><br>10-5                                                                                                        |
| <b>Transmitted Wavefront, P-V:</b><br>λ/20                                                                                             |
| <b>Type:</b><br>Laser Line Window                                                                                                      |
| <b>Young's Modulus (GPa):</b><br>73                                                                                                    |
| <b>Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):</b><br>0.52 (+5 to +35°C)<br>0.57 (0 to +200°C)<br>0.48 (-100 to +200°C) |
| <b>Density (g/cm³):</b><br>2.20                                                                                                        |
| <b>Index of Refraction n<sub>d</sub>:</b><br>1.458                                                                                     |
| <b>Poisson's Ratio:</b><br>0.16                                                                                                        |
| <b>Abbe Number (v<sub>d</sub>):</b><br>67.8                                                                                            |
| <b>Edges:</b><br>Fine Ground                                                                                                           |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br>2 J/cm² @ 10ns                                                         |

## Regulatory Compliance

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