

**TECHSPEC® 25.4mm Dia., 343nm, λ/10 Ultra-Low Reflectivity Window**



λ/10 Ultra-Low Reflectivity Windows

Stock **#11-231** CLEARANCE ☐ In Stock

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Angle of Incidence (°):

0

Bevel:

Protective as needed

Clear Aperture CA (mm):

22.86

Coating:

Laser Ultra V-Coat (343nm)

Coating Specification:

|                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------|
| R <sub>abs</sub> <0.10% @ 343nm                                                                                                        |
| <b>Diameter (mm):</b><br>25.40 +0.00/-0.10                                                                                             |
| <b>Thickness (mm):</b><br>6.35 ±0.20                                                                                                   |
| <b>Design Wavelength DWL (nm):</b><br>343                                                                                              |
| <b>Parallelism (arcmin):</b><br><3                                                                                                     |
| <b>Substrate:</b><br><a href="#">Fused Silica</a> (Corning 7980)                                                                       |
| <b>Fused Silica Grade:</b><br>7980 0F                                                                                                  |
| <b>Surface Flatness (P-V):</b><br>λ/10                                                                                                 |
| <b>Surface Quality:</b><br>10-5                                                                                                        |
| <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>7.5 J/cm² @ 343nm, 20ns, 20Hz                                          |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 219:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |