

TECHSPEC® 25mm Dia. x 3.0mm Thickness 1.65-3µm Coated Silicon Window



TECHSPEC Silicon (Si) Windows

Stock #17-199 ☐ In Stock



1



C\$262.50

ADD TO CART

Qty 1-10

C\$262.50

Qty 11+

C\$236.60

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Bevel:  
Protective as needed

Clear Aperture CA (mm):  
22.50

Diameter (mm):  
25.00 +0.0/-0.1

|                                                                                                               |
|---------------------------------------------------------------------------------------------------------------|
| <b>Thickness (mm):</b><br>3.00 ±0.1                                                                           |
| <b>Coating:</b><br>BBAR (1650-3000nm)                                                                         |
| <b>Coating Specification:</b><br>R <sub>avg</sub> <1% @ 1650 - 3000nm<br>R <sub>abs</sub> <2% @ 1650 - 3000nm |
| <b>Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):</b><br>2.55                                     |
| <b>Density (g/cm³):</b><br>2.33                                                                               |
| <b>Edges:</b><br>Fine Ground                                                                                  |
| <b>Index of Refraction n<sub>d</sub>:</b><br>3.422 @ 5µm                                                      |
| <b>Knoop Hardness (kg/mm²):</b><br>1150                                                                       |
| <b>Parallelism (arcmin):</b><br><3                                                                            |
| <b>Poisson's Ratio:</b><br>0.265                                                                              |
| <b>Substrate:</b><br>Silicon (Si)                                                                             |
| <b>Surface Flatness (P-V):</b><br>1λ                                                                          |
| <b>Surface Quality:</b><br>60-40                                                                              |
| <b>Type:</b><br>Protective Window                                                                             |
| <b>Wavelength Range (nm):</b><br>1650 - 3000                                                                  |
| <b>Young's Modulus (GPa):</b><br>140                                                                          |

Regulatory Compliance

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