

**TECHSPEC® 50.8mm Dia. x 2mm Thickness, 3-12µm Coated, ZnSe Window**



Stock **#39-414** ☐ In Stock

1  **C\$1,092.00**

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**Bevel:**  
Protective as needed

**Clear Aperture (%):**  
90

**Clear Aperture CA (mm):**  
45.72

|                                                                           |
|---------------------------------------------------------------------------|
| <b>Diameter (mm):</b><br>50.80 +0.0/-0.1                                  |
| <b>Thickness (mm):</b><br>2.00 ±0.1                                       |
| <b>Coating:</b><br>BBAR (3000-12000nm)                                    |
| <b>Coating Specification:</b><br>R <sub>avg</sub> ≤3.0% @ 3 - 12µm        |
| <b>Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):</b><br>7.57 |
| <b>Density (g/cm³):</b><br>5.27                                           |
| <b>Edges:</b><br>Fine Ground                                              |
| <b>Index of Refraction n<sub>d</sub>:</b><br>2.631                        |
| <b>Knoop Hardness (kg/mm²):</b><br>120                                    |
| <b>Parallelism (arcmin):</b><br><3                                        |
| <b>Poisson's Ratio:</b><br>0.28                                           |
| <b>Substrate:</b><br>Zinc Selenide (ZnSe)                                 |
| <b>Surface Flatness (P-V):</b><br>λ/10 @ 10.6µm                           |
| <b>Surface Quality:</b><br>40-20                                          |
| <b>Type:</b><br>Protective Window                                         |
| <b>Wavelength Range (nm):</b><br>3000 - 12000                             |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 224:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |