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SUBMIT

TECHSPEC® 50mm Dia. X 3mm Thickness, 8-12µm Coated, ZnSe window



Stock #68-504 3-4 DAYS

1 €847,50

ADD TO CART

Qty 1-10

€847,50

Qty 11+

€763,00

Volume Pricing

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Bevel:  
Protective as needed

Clear Aperture (%):  
90

Clear Aperture CA (mm):  
45.00

|                                                                           |
|---------------------------------------------------------------------------|
| <b>Diameter (mm):</b><br>50.00 +0.0/-0.1                                  |
| <b>Thickness (mm):</b><br>3.00 ±0.1                                       |
| <b>Coating:</b><br>BBAR (8000-12000nm)                                    |
| <b>Coating Specification:</b><br>R <sub>avg</sub> ≤0.5% @ 8 - 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><1                                        |
| <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>60-40                                          |
| <b>Type:</b><br>Protective Window                                         |
| <b>Wavelength Range (nm):</b><br>8000 - 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> |