

**TECHSPEC® 50mm Dia. x 3mm Thick, 3-5µm AR Coating, Ge Window**



Germanium (Ge) Windows

Stock **#89-570** 3-4 DAYS

⊖ 1 ⊕ **€944,00**

ADD TO CART

|                               |
|-------------------------------|
| Qty 1-10                      |
| €944,00                       |
| Qty 11+                       |
| €849,50                       |
| Volume Pricing                |
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ⓘ Prices shown are exclusive of VAT/local taxes

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**Bevel:**  
Protective as needed

**Clear Aperture (%):**  
90.00

**Clear Aperture CA (mm):**  
45.00

|                                                                               |
|-------------------------------------------------------------------------------|
| <div>Diameter (mm):<br/>50.00 +0.0/-0.1</div>                                 |
| <div>Thickness (mm):<br/>3.00 ±0.1</div>                                      |
| <div>Coating:<br/>BBAR (3000-5000nm)</div>                                    |
| <div>Coating Specification:<br/>R<sub>avg</sub> &lt;3% @ 3 - 5µm</div>        |
| <div>Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):<br/>6.1</div> |
| <div>Density (g/cm³):<br/>5.33</div>                                          |
| <div>Edges:<br/>Fine Ground</div>                                             |
| <div>Index of Refraction n<sub>d</sub>:<br/>4.002 @ 11µm</div>                |
| <div>Knoop Hardness (kg/mm²):<br/>780</div>                                   |
| <div>Parallelism (arcmin):<br/>&lt;1</div>                                    |
| <div>Poisson's Ratio:<br/>0.28</div>                                          |
| <div>Substrate:<br/>Germanium (Ge)</div>                                      |
| <div>Surface Flatness (P-V):<br/>λ/10 @ 10.6µm</div>                          |
| <div>Surface Quality:<br/>60-40</div>                                         |
| <div>Type:<br/>Protective Window</div>                                        |
| <div>Wavelength Range (nm):<br/>3000 - 5000</div>                             |
| <div>Young's Modulus (GPa):<br/>102.7</div>                                   |

## Regulatory Compliance

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