

**TECHSPEC® 40mm Dia. x 4mm Thick, 8-12µm AR Coated, Ge Window**



Germanium (Ge) Windows

Stock #63-215 3-4 DAYS



1



€738,00

ADD TO CART

Qty 1-10

€738,00

Qty 11+

€664,25

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):**  
36.00

|                                                                                                |
|------------------------------------------------------------------------------------------------|
| <div><div>Diameter (mm):</div><div>40.00 +0.0/-0.1</div></div>                                 |
| <div><div>Thickness (mm):</div><div>4.00 ±0.1</div></div>                                      |
| <div><div>Coating:</div><div>BBAR (8000-12000nm)</div></div>                                   |
| <div><div>Coating Specification:</div><div>R<sub>avg</sub> &lt;3.0% @ 8 - 12µm</div></div>     |
| <div><div>Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):</div><div>6.1</div></div> |
| <div><div>Density (g/cm³):</div><div>5.33</div></div>                                          |
| <div><div>Edges:</div><div>Fine Ground</div></div>                                             |
| <div><div>Index of Refraction n<sub>d</sub>:</div><div>4.002 @ 11µm</div></div>                |
| <div><div>Knoop Hardness (kg/mm²):</div><div>780</div></div>                                   |
| <div><div>Parallelism (arcmin):</div><div>&lt;1</div></div>                                    |
| <div><div>Poisson's Ratio:</div><div>0.28</div></div>                                          |
| <div><div>Substrate:</div><div>Germanium (Ge)</div></div>                                      |
| <div><div>Surface Flatness (P-V):</div><div>λ/10 @ 10.6µm</div></div>                          |
| <div><div>Surface Quality:</div><div>60-40</div></div>                                         |
| <div><div>Type:</div><div>Protective Window</div></div>                                        |
| <div><div>Wavelength Range (nm):</div><div>8000 - 12000</div></div>                            |
| <div><div>Young's Modulus (GPa):</div><div>102.7</div></div>                                   |

## Regulatory Compliance

|                                                                  |
|------------------------------------------------------------------|
| <div><div>RoHS 2015:</div><div>Compliant</div></div>             |
| <div><div>Certificate of Conformance:</div><div>View</div></div> |
| <div><div>Reach 235:</div><div>Compliant</div></div>             |