

TECHSPEC® 50mm Dia. x 1mm Thickness, 8-12µm Coated, ZnSe Window



Stock **#68-519** ☐ In Stock

- 1 + **C\$1,064.00**

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Bevel:
Protective as needed

Clear Aperture (%):
90

Clear Aperture CA (mm):
45.00

Diameter (mm): 50.00 +0.0/-0.1
Thickness (mm): 1.00 ±0.1
Coating: BBAR (8000-12000nm)
Coating Specification: R _{avg} ≤0.5% @ 8 - 12µm
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 7.57
Density (g/cm³): 5.27
Edges: Fine Ground
Index of Refraction n_d: 2.631
Knoop Hardness (kg/mm²): 120
Parallelism (arcmin): <1
Poisson's Ratio: 0.28
Substrate: Zinc Selenide (ZnSe)
Surface Flatness (P-V): λ/10 @ 10.6µm
Surface Quality: 60-40
Type: Protective Window
Wavelength Range (nm): 8000 - 12000

Regulatory Compliance

RoHS 2015: Compliant
Reach 224: Compliant
Certificate of Conformance: View