

TECHSPEC® 50.8mm Dia. x 3.0mm Thick, 3-5µm AR Coating, Ge Window



Germanium (Ge) Windows

Stock #11-866 3-5 DAYS

⊖ 1 ⊕

A\$1,510.40

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Qty 1-10
A\$1,510.40
Qty 11+
A\$1,359.20
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Bevel:
Protective as needed

Clear Aperture (%):
90.00

Clear Aperture CA (mm):
45.72

Diameter (mm): 50.80 +0.0/-0.1
Thickness (mm): 3.00 ±0.1
Coating: BBAR (3000-5000nm)
Coating Specification: R _{avg} <3% @ 3 - 5µm
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 6.1
Density (g/cm³): 5.33
Edges: Fine Ground
Index of Refraction n_d: 4.002 @ 11µm
Knoop Hardness (kg/mm²): 780
Parallelism (arcmin): <1
Poisson's Ratio: 0.28
Substrate: Germanium (Ge)
Surface Flatness (P-V): λ/10 @ 10.6µm
Surface Quality: 60-40
Type: Protective Window
Wavelength Range (nm): 3000 - 5000
Young's Modulus (GPa): 102.7

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant