

TECHSPEC® 12.5mm Dia. x 1mm Thick, 8-12µm AR Coated, Ge Window



Germanium (Ge) Windows

Stock **#83-353** ☒ In Stock

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1

+

C\$424.20

ADD TO CART

Qty 1-10

C\$424.20

Qty 11+

C\$381.85

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Bevel:
Protective as needed

Clear Aperture (%):
90.00

Clear Aperture CA (mm):
11.25

Diameter (mm): 12.50 +0.0/-0.1
Thickness (mm): 1.00 ±0.1
Coating: BBAR (8000-12000nm)
Coating Specification: R _{avg} <3.0% @ 8 - 12µm
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): 8000 - 12000
Young's Modulus (GPa): 102.7

Regulatory Compliance

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