

TECHSPEC® 100mm Dia. x 6mm Thick, 8-12µm AR Coated, Ge Window



Germanium (Ge) Windows

Stock #17-678

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+

₹260,478.00

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Bevel:
Protective as needed

Clear Aperture (%):
90.00

Clear Aperture CA (mm):
90.00

Diameter (mm): 100.00 +0.0/-0.1
Thickness (mm): 6.00 ±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: Compliant
Certificate of Conformance: View