

TECHSPEC® 75mm Dia. x 5mm Thick, 3-5µm AR Coating, Ge Window



Germanium (Ge) Windows

Stock **#89-571** 10 TO 12 DAYS

⊖ 1 ⊕

₹146,247.00

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₹146,247.00
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Bevel:
Protective as needed

Clear Aperture (%):
90.00

Clear Aperture CA (mm):
67.50

Diameter (mm): 75.00 +0.0/-0.1
Thickness (mm): 5.00 ±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 240: Compliant