

TECHSPEC® 50mm Dia. x 3mm Thick, 3-5µm AR Coating, Ge Window



Germanium (Ge) Windows

Stock #89-570 3-4 DAYS

⊖ 1 ⊕ **£802.40**

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Qty 1-10

£802.40

Qty 11+

£722.07

Volume Pricing

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ⓘ Prices shown are exclusive of VAT/local taxes

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Bevel:
Protective as needed

Clear Aperture (%):
90.00

Clear Aperture CA (mm):

45.00

Diameter (mm):
50.00 +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 241:
[Compliant](#)