

TECHSPEC®

50.8mm Dia. x 5mm Thickness, 3-12µm Coated, ZnSe Window



Stock #39-416

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1

+

£837.25

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Bevel:

Protective as needed

Clear Aperture (%):

90

Clear Aperture CA (mm):

45.72

Diameter (mm): 50.80 +0.0/-0.1
Thickness (mm): 5.00 ±0.1
Coating: BBAR (3000-12000nm)
Coating Specification: R _{avg} ≤3.0% @ 3 - 12µm
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 7.57
Density (g/cm³): 5.27
Edges: Fine Ground
Index of Refraction n_d: 2.631
Knoop Hardness (kg/mm²): 120
Parallelism (arcmin): <3
Poisson's Ratio: 0.28
Substrate: Zinc Selenide (ZnSe)
Surface Flatness (P-V): λ/10 @ 10.6µm
Surface Quality: 40-20
Type: Protective Window
Wavelength Range (nm): 3000 - 12000

Regulatory Compliance

RoHS 2015: Compliant
Reach 224: Compliant
Certificate of Conformance: View