

TECHSPEC[®] 50mm Dia. x 3mm Thick, Barium Fluoride Window



Stock **#87-702** 3-4 DAYS

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1

+

£527.00

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Qty 1-10
£527.00
Qty 11+
£474.30
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Abbe Number (v_d):
81.78

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: Uncoated
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 18.1
Density (g/cm³): 4.89
Edges: Fine Ground
Index of Refraction n_d: 1.48
Knoop Hardness (kg/mm²): 82
Operating Temperature (°C): Maximum: 800
Parallelism (arcmin): <3
Poisson's Ratio: 0.343
Substrate: Barium Fluoride (BaF ₂)
Surface Flatness (P-V): λ/2
Surface Quality: 60-40
Type: Protective Window
Wavelength Range (nm): 200 - 12000
Young's Modulus (GPa): 53

Regulatory Compliance

RoHS 2015: Compliant
Reach 219: Compliant
Certificate of Conformance: View