

TECHSPEC[®] 25.4 x 25.4mm, 1mm Thick, Uncoated, Sapphire Window



Stock #39-230 3-4 DAYS

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1

+

£99.88

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Qty 1-24

£99.88

Qty 25+

£79.90

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Abbe Number (v_d):
72.24

Axis Orientation:
Random

Bevel:
Protective as needed

Birefringence (n_o-n_e): 0.008 for Visible Light Orthogonal to Optical Axis
Clear Aperture (%) : ≥90
Clear Aperture CA (mm) : 22.86 x 22.86
Dimensions (mm) : 25.40 x 25.40
Thickness (mm) : 1.00 ±0.10
Coating : Uncoated
Coefficient of Thermal Expansion CTE (10⁻⁶/°C) : 8.8
Density (g/cm³) : 3.97
Edges : Fine Ground
Index of Refraction n_d : 1.77
Knoop Hardness (kg/mm²) : 1900
Parallelism (arcmin) : ≤3.5
Poisson's Ratio : 0.27
Substrate : Sapphire (Al ₂ O ₃)
Surface Flatness (P-V) : 2λ (typical)
Surface Quality : 80-50
Type : Protective Window
Wavelength Range (nm) : 330 - 5500
Young's Modulus (GPa) : 435
Length (mm) : 25.40
Width (mm) : 25.40

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 240: Compliant