

TECHSPEC®

40.0mm Dia., 2mm Thick, Uncoated, Sapphire Window



Stock **#48-921**

3-4 DAYS

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1

+

£225.25

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Qty 1-24
£225.25
Qty 25+
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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): 36.00
Diameter (mm): 40.00 ±0.25
Thickness (mm): 2.00 ±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 (Al₂O₃)
Surface Flatness (P-V): 2λ (typical)
Surface Quality: 80-50
Type: Protective Window
Wavelength Range (nm): 330 - 5500
Young's Modulus (GPa): 435

Regulatory Compliance

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