

TECHSPEC® 12.5 x 12.5mm, 1mm Thick, Uncoated, Sapphire Window



Stock **#39-228** 3-4 DAYS

- 1 + **£39.95**

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Qty 1-24
£39.95
Qty 25+
£31.88
Volume Pricing
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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) : 11.25 x 11.25
Dimensions (mm) : 12.50 x 12.50
Thickness (mm) : 1.00 ±0.05
Coating : Uncoated
Coefficient of Thermal Expansion CTE ($10^{-6}/^{\circ}\text{C}$): 8.8
Density (g/cm^3): 3.97
Edges : Fine Ground
Index of Refraction n_d : 1.77
Knoop Hardness (kg/mm^2): 1900
Parallelism (arcmin) : ≤3.5
Poisson's Ratio : 0.27
Substrate : Sapphire (Al_2O_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) : 12.50
Width (mm) : 12.50

Regulatory Compliance

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