

TECHSPEC® 12.7mm Dia., 2mm Thick, Uncoated, Sapphire Window



Stock **#17-224** 3-4 DAYS

- 1 + **€48,50**

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Qty 1-24
€48,50
Qty 25+
€38,75
Volume Pricing
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Prices shown are exclusive of VAT/local taxes

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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
Diameter (mm) : 12.70 ±0.05
Thickness (mm) : 2.00 ±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

Regulatory Compliance

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