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SUBMIT

TECHSPEC® 22mm Dia., 1mm Thick, Uncoated, Sapphire window



Stock #43-634 □ In Stock



1



€76,50

ADD TO CART

Qty 1-24

€76,50

Qty 25+

€61,25

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) : 19.80
Diameter (mm) : 22.00 ±0.05
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

Regulatory Compliance

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