

TECHSPEC® 6.35mm Dia., 0.5mm Thick, Uncoated, Sapphire Window



Stock **#45-567** ☒ In Stock

⊖ 1 ⊕ **€32,50**

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Qty 1-24
€32,50
Qty 25+
€26,00
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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):
5.72

Diameter (mm):
6.35 ±0.05

Thickness (mm):
0.50 ±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](#)