

25.4mm Diameter, 12.7mm Through Hole, Sapphire Window



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Stock **#17-213** 10 TO 12 DAYS



1



₹9,135.00

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Qty 1-5

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Qty 6+

₹8,222.00

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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
Diameter (mm): 25.40 ±0.127
Through Hole Diameter (mm): 12.70 ±0.127
Thickness (mm): 1.00 ±0.127
Coating: Uncoated
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 8.8
Density (g/cm³): 3.97
Index of Refraction n_d: 1.77
Knoop Hardness (kg/mm²): 1900
Parallelism (arcmin): ≤3.5
Poisson's Ratio: 0.27
Substrate: Sapphire (Al ₂ O 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