

TECHSPEC[®] 5mm Dia., 1mm Thick, NIR I AR Coated Sapphire Window



Stock #36-477 3-4 DAYS

-

1

+

£45.48

ADD TO CART

Qty 1-24
£45.48
Qty 25+
£36.34
Volume Pricing
Request Quote

ⓘ

 Prices shown are exclusive of VAT/local taxes

Get Product Downloads



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) : 4.50
Diameter (mm) : 5.00 ±0.15
Thickness (mm) : 1.00 ±0.05
Coating : NIR I (600-1050nm)
Coating Specification : R _{avg} ≤0.5% @ 600 - 1050nm
Coefficient of Thermal Expansion CTE (10⁻⁶/°C) : 8.8
Density (g/cm³) : 3.97
Edges : Fine Ground
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) : 600 - 1050
Young's Modulus (GPa) : 435

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant