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SUBMIT

TECHSPEC® 12.7 mm Dia., 3.18mm Thick, NIR T AR Coated Sapphire window



Stock **#39-253** 3-4 DAYS



1



€69,50

ADD TO CART

Qty 1-24

€69,50

Qty 25+

€55,50

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
Clear Aperture CA (mm) : 11.43
Diameter (mm) : 12.70 ±0.05
Thickness (mm) : 3.18 ±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