

TECHSPEC® 12.5 x 12.5mm, 2mm Thick NIR I, 1λ Fused Silica Window



Stock **#36-971** ☐ In Stock

-

1

+

€86,00

ADD TO CART

Qty 1-5
€86,00
Qty 6+
€68,75
Volume Pricing
Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Abbe Number (v_d):
67.8

Bevel:
Protective as needed

Clear Aperture (%):
90

Clear Aperture CA (mm): 11.25 x 11.25
Dimensions (mm): 12.50 x 12.50
Thickness (mm): 2.00 ±0.38
Coating: NIR I (600-1050nm)
Coating Specification: R_{avg} ≤0.5% @ 600 - 1050nm
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 0.52 (+5 to +35°C) 0.57 (0 to +200°C) 0.48 (-100 to +200°C)
Density (g/cm³): 2.20
Edges: Fine Ground
Index of Refraction n_d: 1.458
Knoop Hardness (kg/mm²): 522
Parallelism (arcmin): <5
Poisson's Ratio: 0.16
Substrate: Fused Silica (Corning 7980)
Surface Flatness (P-V): 1λ
Surface Quality: 60-40
Type: Protective Window
Wavelength Range (nm): 600 - 1050
Young's Modulus (GPa): 73
Length (mm): 12.50
Width (mm): 12.50
Damage Threshold, Reference: □ 7 J/cm² @ 1064nm, 10ns

Regulatory Compliance

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