

TECHSPEC® 50.8mm Dia. x 1mm Thickness 1.65-3µm Coated Silicon Window



TECHSPEC Silicon (Si) Windows

Stock **#20-031** 3-4 DAYS



1



€335,00

ADD TO CART

Qty 1-10

€335,00

Qty 11+

€301,50

Volume Pricing

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⚠ Prices shown are exclusive of VAT/local taxes

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Bevel:
Protective as needed

Clear Aperture (%):
90.00

Clear Aperture CA (mm):
45.72

Diameter (mm): 50.80 +0.0/-0.1
Thickness (mm): 1.00 ±0.1
Coating: BBAR (1650-3000nm)
Coating Specification: R_{avg} <1% @ 1650 - 3000nm R_{abs} <2% @ 1650 - 3000nm
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 2.55
Density (g/cm³): 2.33
Edges: Fine Ground
Index of Refraction n_d: 3.422 @ 5µm
Knoop Hardness (kg/mm²): 1150
Parallelism (arcmin): <3
Poisson's Ratio: 0.265
Substrate: Silicon (Si)
Surface Flatness (P-V): 3λ
Surface Quality: 60-40
Type: Protective Window
Wavelength Range (nm): 1650 - 3000
Young's Modulus (GPa): 140

Regulatory Compliance

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