

TECHSPEC® 12.5mm Dia. x 2.0mm Thickness 1.65-3µm Coated Silicon Window



TECHSPEC Silicon (Si) Windows

Stock **#17-196** ☐ In Stock

-

1

+

C\$203.00

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Qty 1-10

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Qty 11+

C\$182.70

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Bevel:
Protective as needed

Clear Aperture CA (mm):
11.25

Diameter (mm):
12.50 +0.0/-0.1

Thickness (mm): 2.00 ±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): 1λ
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