

TECHSPEC[®] 50mm Dia., VIS-NIR Coated, 30' Wedge, Fused Silica Wedged Window



TECHSPEC[®] Fused Silica Wedged Windows

Stock #17-668 3-5 DAYS

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1

+

A\$416.00

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Qty 1-5

A\$416.00

Qty 6+

A\$332.80

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Clear Aperture CA (mm):
45.00

Diameter (mm):
50.00 +0.0/-0.10

Thickness (mm):
3.00 ±0.20

Coating: VIS-NIR (400-1000nm)
Coating Specification: R_{abs} ≤0.25% @ 880nm R_{avg} ≤1.25% @ 400 - 870nm R_{avg} ≤1.25% @ 890 - 1000nm
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)
Edges: Fine Ground
Index of Refraction n_d: 1.458
Substrate: Fused Silica (Corning 7980)
Surface Flatness (P-V): λ/10 over 25mm Aperture
Surface Quality: 20-10
Type: Wedged Window
Wavelength Range (nm): 400 - 1000
Young's Modulus (GPa): 73
Wedge Angle: 30' ±10'
Damage Threshold, Reference: 5 J/cm² @ 532nm, 10ns

Regulatory Compliance

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