

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



TECHSPEC® Fused Silica Wedged Windows

Stock #17-665

CONTACT US

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+

C\$364.00

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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: UV-VIS (250-700nm)
Coating Specification: R_{abs} ≤1.0% @ 350 - 450nm R_{avg} ≤1.5% @ 250 - 700n
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
Surface Quality: 20-10
Type: Wedged Window
Wavelength Range (nm): 250 - 700
Young's Modulus (GPa): 73
Wedge Angle: 30' ±10'
Damage Threshold, Reference: 3 J/cm² @ 355nm, 10ns 5 J/cm² @ 532nm, 10ns

Regulatory Compliance

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