

TECHSPEC® 50mm Dia. 532nm Laser V-Coat, λ/20 Fused Silica Window



Uncoated λ/20 Fused Silica Window

Stock **#65-868** 3-5 DAYS

⊖ 1 ⊕

A\$448.00

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Qty 1-5

A\$448.00

Qty 6+

A\$403.20

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Angle of Incidence (°):
0

Bevel:
Protective as needed

Clear Aperture CA (mm):
45.00

Coating: Laser V-Coat (532nm)
Coating Specification: R _{abs} <0.25% @ 532nm
Diameter (mm): 50.00 +0.00/-0.10
Thickness (mm): 3.00 ±0.10
Design Wavelength DWL (nm): 532
Parallelism (arcsec): ≤5
Substrate: Fused Silica Excimer Grade (Corning 7980 KrF)
Fused Silica Grade: 7980 KrF 0A
Surface Quality: 10-5
Transmitted Wavefront, P-V: λ/20
Type: Laser Line Window
Young's Modulus (GPa): 73
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
Index of Refraction n_d: 1.458
Poisson's Ratio: 0.16
Abbe Number (v_d): 67.8
Edges: Fine Ground
Damage Threshold, By Design: ☐ 10 J/cm² @ 10ns

Regulatory Compliance

RoHS 2015: Compliant
REACH 201: Compliant
Certificate of Conformance: View