

TECHSPEC® 50mm Diameter, 785nm V-Coat, λ/4 N-BK7 Window

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Bevel:
Protective as needed

Clear Aperture CA (mm):
45.00

Coating:
Laser V-Coat (785nm)

Coating Specification: R_{abs} <0.25% @ 785nm
Diameter (mm): 50.00 +0.00/-0.25
Thickness (mm): 4.00 ±0.20
Design Wavelength DWL (nm): 785
Parallelism (arcmin): ≤1
Substrate: N-BK7
Surface Flatness (P-V): λ/4
Surface Quality: 60-40
Type: Laser Line Window
Young's Modulus (GPa): 82
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 7.1 (-30 to +70°C) 8.3 (+20 to +300°C)
Density (g/cm³): 2.51
Index of Refraction n_d: 1.516
Poisson's Ratio: 0.206
Abbe Number (v_d): 64.17
Edges: Fine Ground

Regulatory Compliance

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