

TECHSPEC® 50mm Dia., 1mm Thick, Uncoated λ/4 N-BK7 Window



Stock **#34-427** [CONTACT US](#)

- 1 + **C\$121.80**

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Abbe Number (v_d):
64.17

Bevel:
Protective as needed

Clear Aperture (%):
90

Clear Aperture CA (mm):

45.00
Diameter (mm): 50.00 +0.0/-0.25
Thickness (mm): 1.00 ±0.20
Coating: Uncoated
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
Edges: Fine Ground
Index of Refraction n_d: 1.516
Knoop Hardness (kg/mm²): 610
Parallelism (arcmin): <1
Poisson's Ratio: 0.206
Substrate: N-BK7
Surface Quality: 60-40
Transmitted Wavefront, P-V: λ/4
Type: Protective Window
Wavelength Range (nm): 350 - 2200
Young's Modulus (GPa): 82

Regulatory Compliance

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