

TECHSPEC® 100mm Dia., 6mm Thick, NIR I Coated λ/4 N-BK7 Window



Stock #17-295 3-4 DAYS

⊖ 1 ⊕ **€480,00**

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Qty 1-5
€480,00
Qty 6+
€384,00
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ⓘ Prices shown are exclusive of VAT/local taxes

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Abbe Number (v_d):
64.17

Bevel:
Protective as needed

Clear Aperture (%):
90

Diameter (mm): 100.00 +0.0/-0.25
Thickness (mm): 6.00 ±0.20
Coating: NIR I (600-1050nm)
Coating Specification: R_{avg} ≤0.5% @ 600 - 1050nm
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 Flatness (P-V): λ/4
Surface Quality: 60-40
Type: Protective Window
Wavelength Range (nm): 600 - 1050
Young's Modulus (GPa): 82
Note: Surface Flatness is specified per inch
Damage Threshold, By Design: ☐ 7 J/cm² @ 1064nm, 10ns

Regulatory Compliance

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