

TECHSPEC® 9mm Dia., 1mm Thick, YAG-BBAR Coated λ/4 N-BK7 Window



Stock **#23-466** 3-4 DAYS

⊖ 1 ⊕ **€79,00**

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Qty 1-5
€79,00

Qty 6+
€63,25

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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

Clear Aperture CA (mm): 8.10
Diameter (mm): 9.00 +0.00/-0.25
Thickness (mm): 1.00 ±0.20
Coating: YAG-BBAR (500-1100nm)
Coating Specification: R _{abs} <0.25% @ 532nm R _{abs} <0.25% @ 1064nm R _{avg} <1.0% @ 500 - 1100nm
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): 500 - 1100
Young's Modulus (GPa): 82
Damage Threshold, By Design: ☐ 5 J/cm² @ 532nm, 10ns

Regulatory Compliance

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