

TECHSPEC[®] 50mm Sq., 4mm Thick, YAG-BBAR Coated, λ/4 N-BK7 Window



Stock #13-329 10 TO 12 DAYS

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1

+

₹10,832.00

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Abbe Number (v_d):
64.17

Bevel:
Protective as needed

Clear Aperture (%):
90

Dimensions (mm):

50.00 x 50.00
Thickness (mm): 4.00
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 Flatness (P-V): λ/4
Surface Quality: 60-40
Type: Protective Window
Wavelength Range (nm): 500 - 1100
Young's Modulus (GPa): 82
Length (mm): 50.00
Width (mm): 50.00
Damage Threshold, By Design: ☐ 5 J/cm² @ 532nm, 10ns
Model Number: G-508B POL

Regulatory Compliance

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