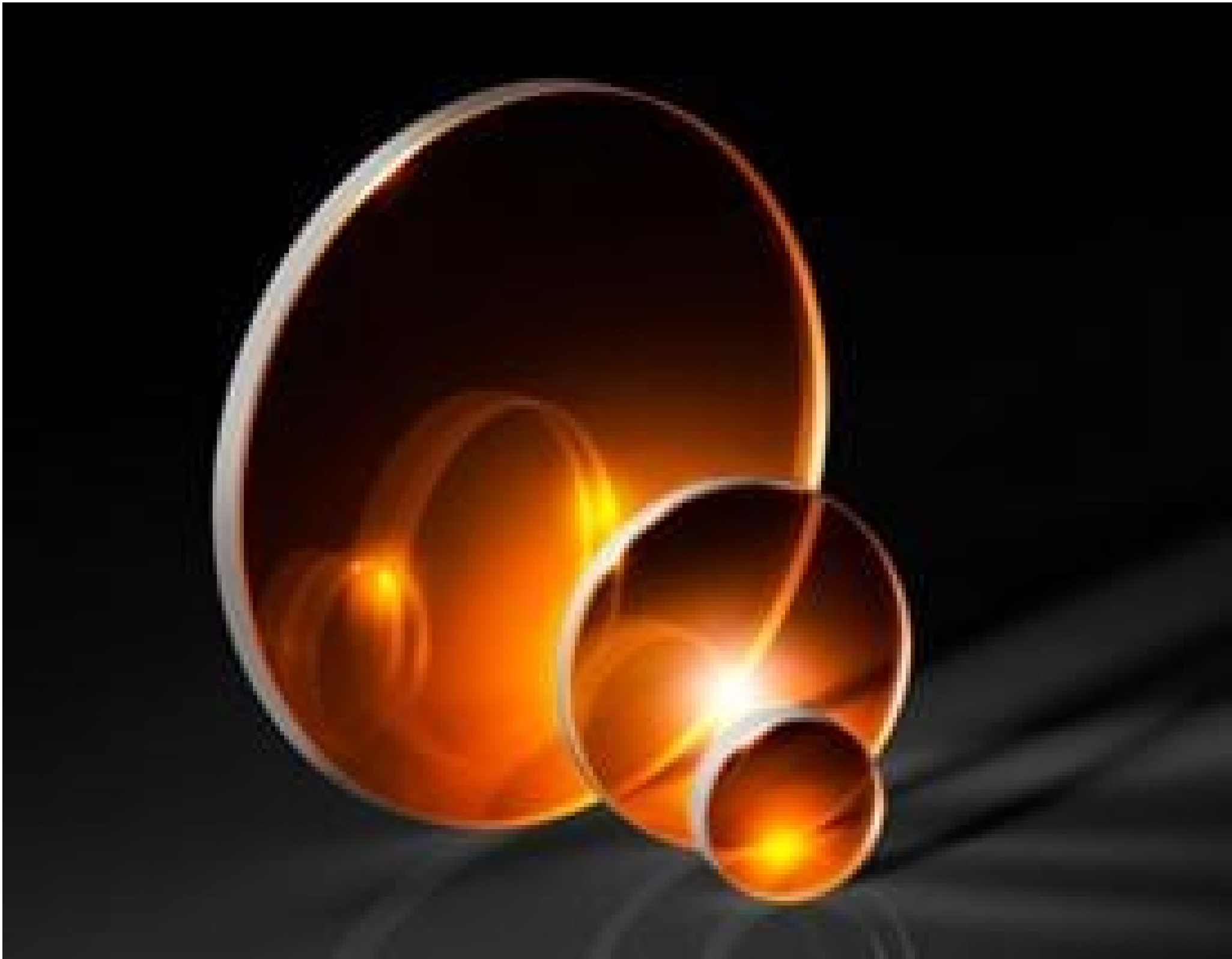


50.8mm Dia., 3.18mm Thick, BBAR (1000-1100nm), Laser Grade C-Axis Sapphire Window



Laser Grade C-Axis Sapphire Windows

Stock #15-808 3-4 DAYS

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£652.38

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Qty 1-10

£652.38

Qty 11+

£586.92

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⚠ Prices shown are exclusive of VAT/local taxes

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Bevel:
Protective as needed

Clear Aperture CA (mm):
45.00

Coating:
BBAR (1000-1100nm)

Coating Specification: R_{avg} ≤0.3% @ 1000 - 1100nm R_{avg} ≤0.1% @ 1020 - 1070nm
Diameter (mm): 50.80 +0.00/-0.10
Thickness (mm): 3.18 ±0.20
Parallelism (arcmin): <3
Substrate: Sapphire (Al₂O₃)
Surface Quality: 10-5
Transmitted Wavefront, P-V: λ/10 over 25.4mm of Clear Aperture
Type: Protective Window
Wavelength Range (nm): 1000 - 1100
Birefringence (n_o-n_e): 0
Axis Orientation: C-axis
Young's Modulus (GPa): 435
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 8.8
Density (g/cm³): 3.97
Index of Refraction n_d: 1.77
Poisson's Ratio: 0.27
Abbe Number (v_d): 72.24
Edges: Fine Ground

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View