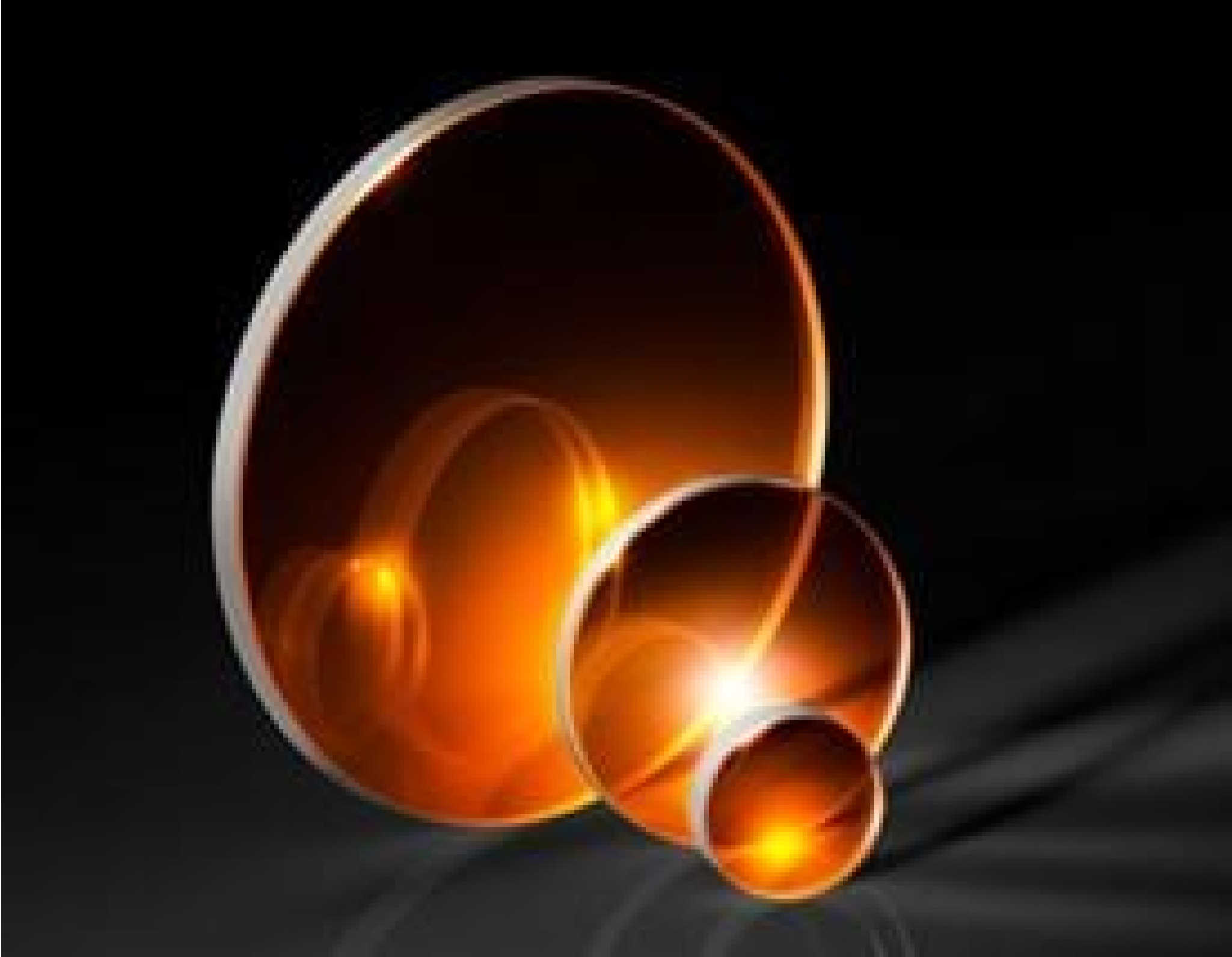


12.7mm Dia., 3.18mm Thick, Uncoated, Laser Grade C-Axis Sapphire Window



Laser Grade C-Axis Sapphire Windows

Stock #15-803 3-5 DAYS

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1

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Bevel:
Protective as needed

Clear Aperture CA (mm):
11.00

Coating:
Uncoated

Diameter (mm): 12.70 +0.00/-0.10
Thickness (mm): 3.18 ±0.20
Parallelism (arcmin): <3
Substrate: Sapphire (Al ₂ O ₃)
Surface Quality: 10-5
Transmitted Wavefront, P-V: λ/10 over Clear Aperture
Type: Protective Window
Wavelength Range (nm): 200 - 5500
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