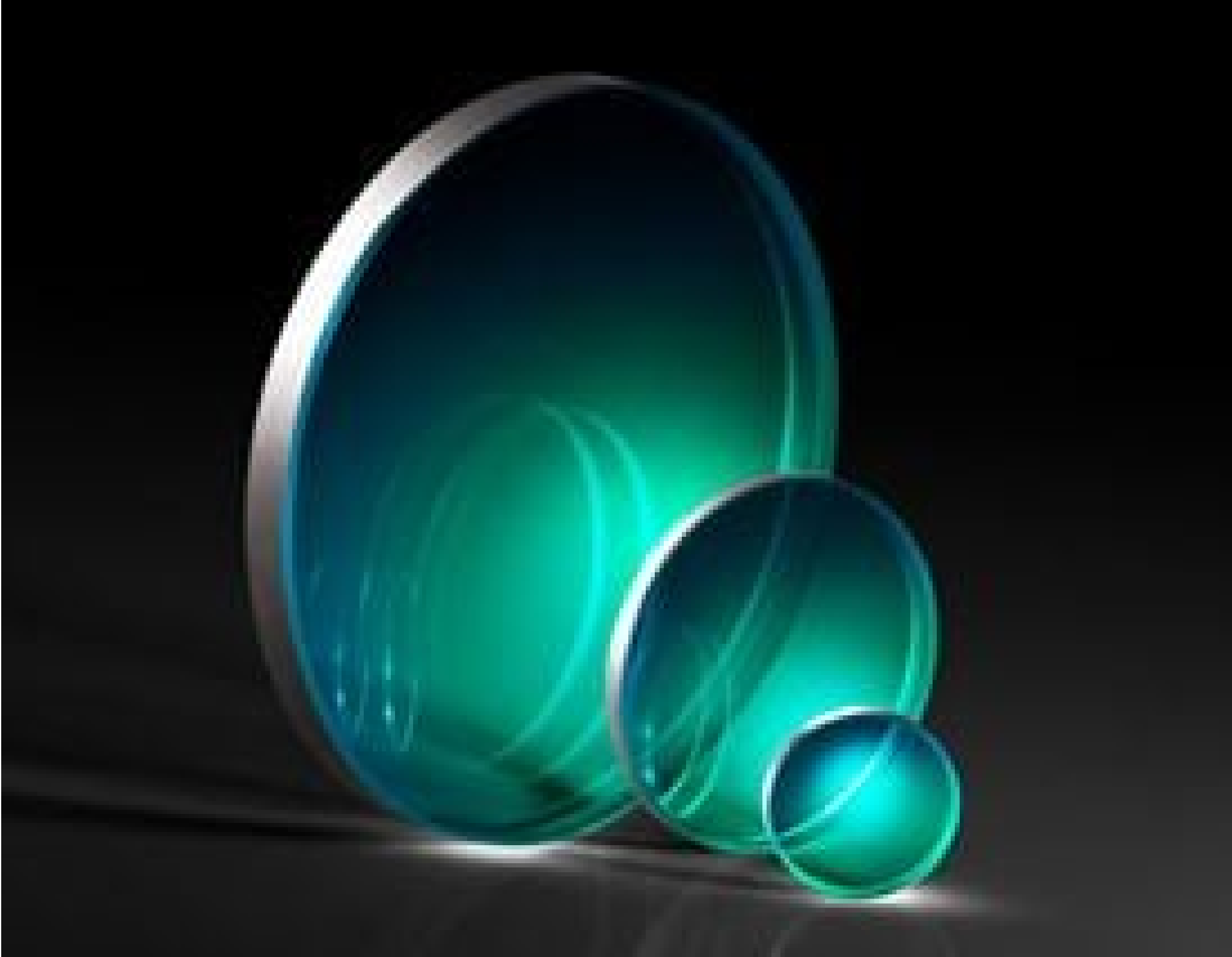


TECHSPEC® 125mm Dia., 3mm Thick, Uncoated, λ/4 Fused Silica Window



TECHSPEC® λ/4 UV Fused Silica Windows

Stock **#20-161** 3-5 DAYS

⊖ 1 ⊕

A\$824.00

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Qty 1-5

A\$824.00

Qty 6+

A\$659.20

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Abbe Number (v_d):
67.8

Bevel:
Protective as needed

Clear Aperture (%):
90

Clear Aperture CA (mm): 112.50
Diameter (mm): 125.00 +0.00/-0.20
Thickness (mm): 3.00 ±0.10
Coating: Uncoated
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 0.52 (+5 to +35°C) 0.57 (0 to +200°C) 0.48 (-100 to +200°C)
Density (g/cm³): 2.20
Edges: Fine Ground
Index of Refraction n_d: 1.458
Knoop Hardness (kg/mm²): 522
Parallelism (arcmin): <1
Poisson's Ratio: 0.16
Substrate: Fused Silica (Corning 7980)
Surface Quality: 40-20
Transmitted Wavefront, P-V: λ/4 (per inch within clear aperture)
Type: Protective Window
Wavelength Range (nm): 200 - 2200
Young's Modulus (GPa): 73

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View