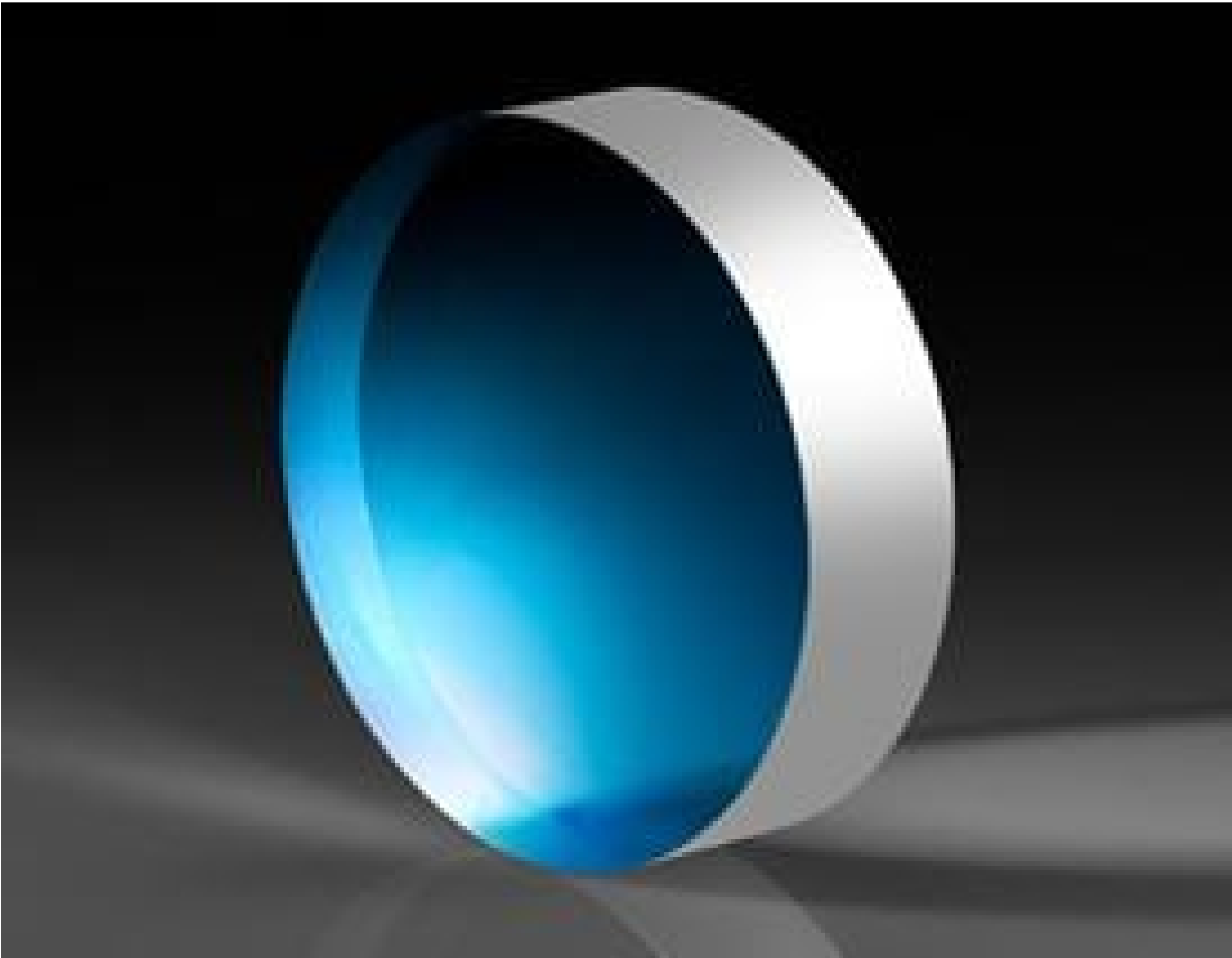


TECHSPEC®

8" Dia. λ /20 Fused Silica Dual Surface Flat



Stock #49-061 10 TO 12 DAYS

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1

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₹500,250.00

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Surface Flatness (P-V):
 λ /20

Abbe Number (v_d):
67.8

Coating:
Uncoated

Coefficient of Thermal Expansion CTE ($10^{-6}/^{\circ}\text{C}$):
0.52 (+5 to +35°C)
0.57 (0 to +200°C)

0.48 (-100 to +200°C)
Diameter (mm): 203.20 ±1.0
Thickness (mm): 38.10 ±2.5
Diameter (inches): 8.00 ±0.04
Thickness (inches): 1.50 ±0.10
Clear Aperture CA (mm): 182.90
Construction: Dual Surface
Density (g/cm³): 2.20
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: 60-40
Type: Interferometry Window
Wavelength Range (nm): 200 - 2200
Young's Modulus (GPa): 73
Bevel: Protective as needed

Regulatory Compliance

Reach 191: Compliant
RoHS 2015: Compliant
Certificate of Conformance: View