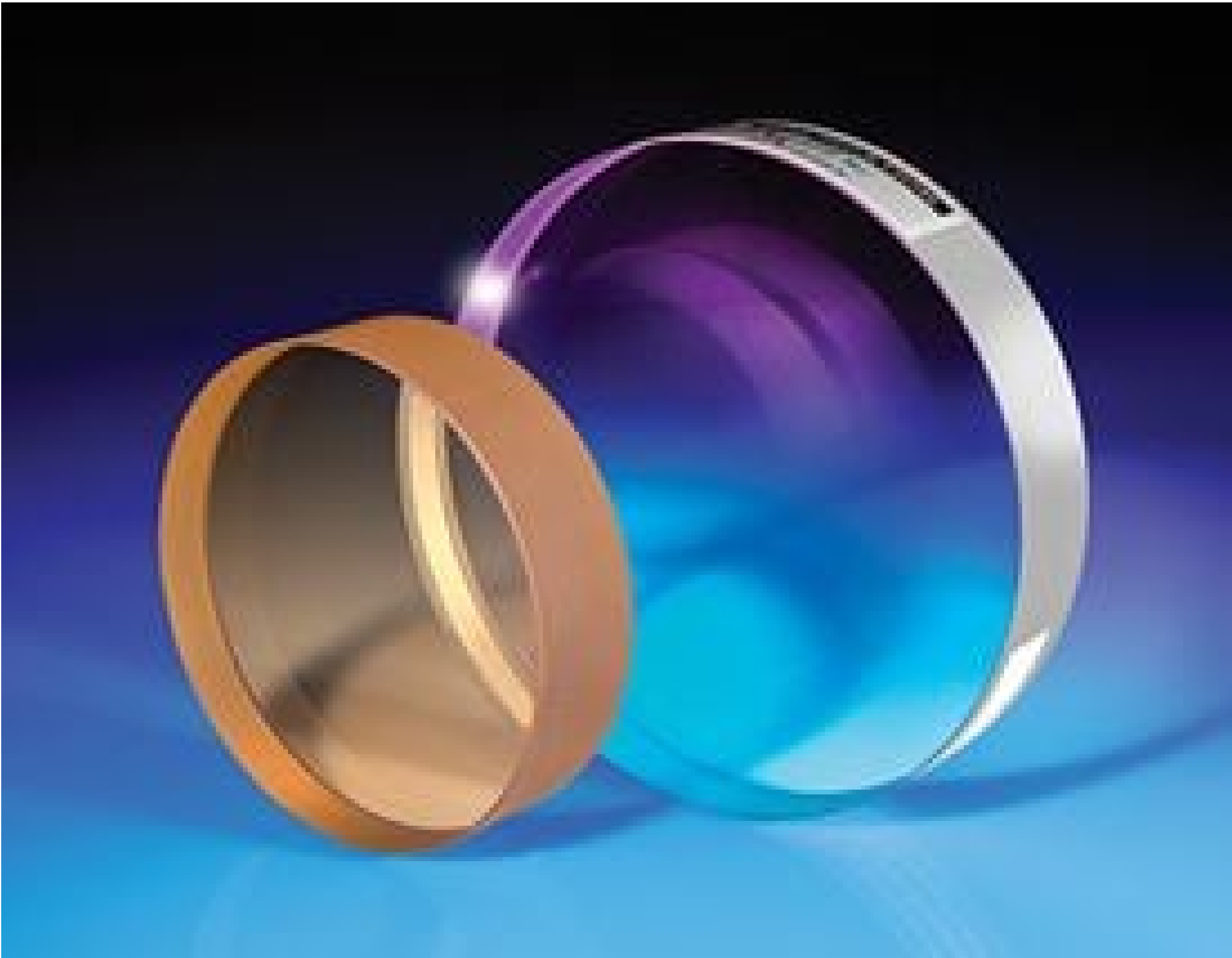


TECHSPEC®

254mm Dia. λ /10 Fused Silica Optical Flat



Stock #46-715-000 ☐ In Stock

-

1

+

C\$7,931.00

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C\$7,534.80
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Surface Flatness (P-V):

λ /10

Abbe Number (v_d):

67.8

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)
Diameter (mm): 254.00 +0.00/-1.00
Thickness (mm): 38.10 ±2.5
Diameter (inches): 10.00 +0.00/-0.04
Thickness (inches): 1.50 ±0.10
Clear Aperture CA (mm): 228.60
Color: Clear
Construction: Single Surface
Density (g/cm³): 2.20
Index of Refraction n_d: 1.458
Knoop Hardness (kg/mm²): 522
Parallelism (arcmin): ≤3
Poisson's Ratio: 0.16
Substrate: Fused Silica
Surface Quality: 60-40
Type: Interferometry Window
Wavelength Range (nm): 200 - 2200
Young's Modulus (GPa): 73
Bevel: Protective as needed

Regulatory Compliance

RoHS 2015: Compliant
Reach 211: Compliant
Certificate of Conformance: View