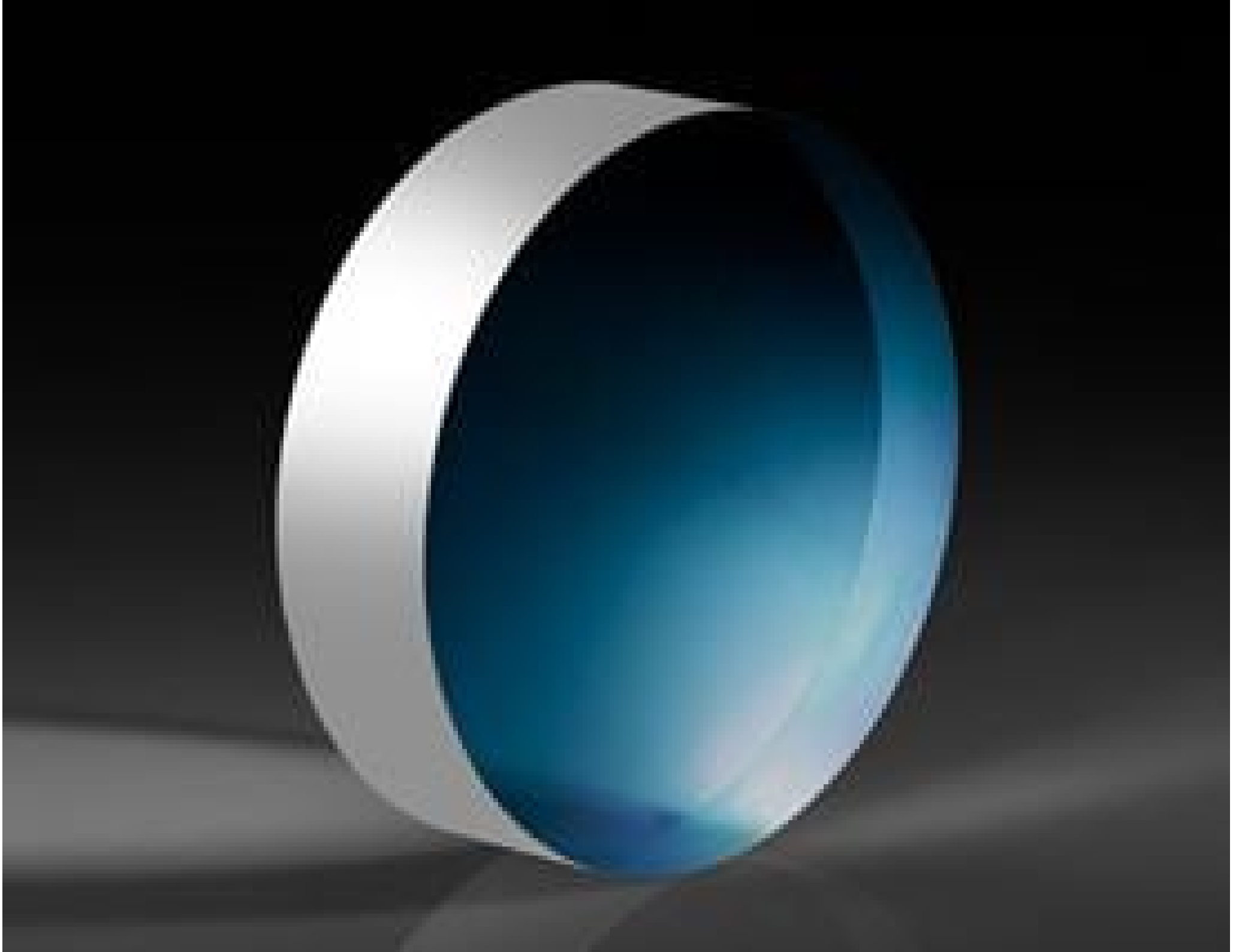


TECHSPEC® 50mm Dia., 2mm Thick UV-AR Coated, 1λ Fused Silica Window



Stock #19-881 3-4 DAYS

⊖ 1 ⊕ **€142,50**

ADD TO CART

Qty 1-5

€142,50

Qty 6+

€114,00

Volume Pricing

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ⓘ Prices shown are exclusive of VAT/local taxes

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Abbe Number (v_d):
67.8

Bevel:
Protective as needed

Clear Aperture (%):
90

Clear Aperture CA (mm):
45.00

Diameter (mm):
50.00 +0.00/-0.20

Thickness (mm):
2.00 ±0.38

Coating:
UV-AR (250-425nm)

Coating Specification:
R_{abs} ≤1.0% @ 250 - 425nm
R_{avg} ≤0.75% @ 250 - 425nm
R_{avg} ≤0.5% @ 370 - 420nm

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):
<5

Poisson's Ratio:
0.16

Substrate:
[Fused Silica](#) (Corning 7980)

Surface Quality:
60-40

Transmitted Wavefront, P-V:
1λ

Type:
Protective Window

Wavelength Range (nm):
250 - 450

Young's Modulus (GPa):
73

Damage Threshold, Reference: □
3 J/cm² @ 355nm, 10ns

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Certificate of Conformance:
[View](#)

Reach 235:
[Compliant](#)