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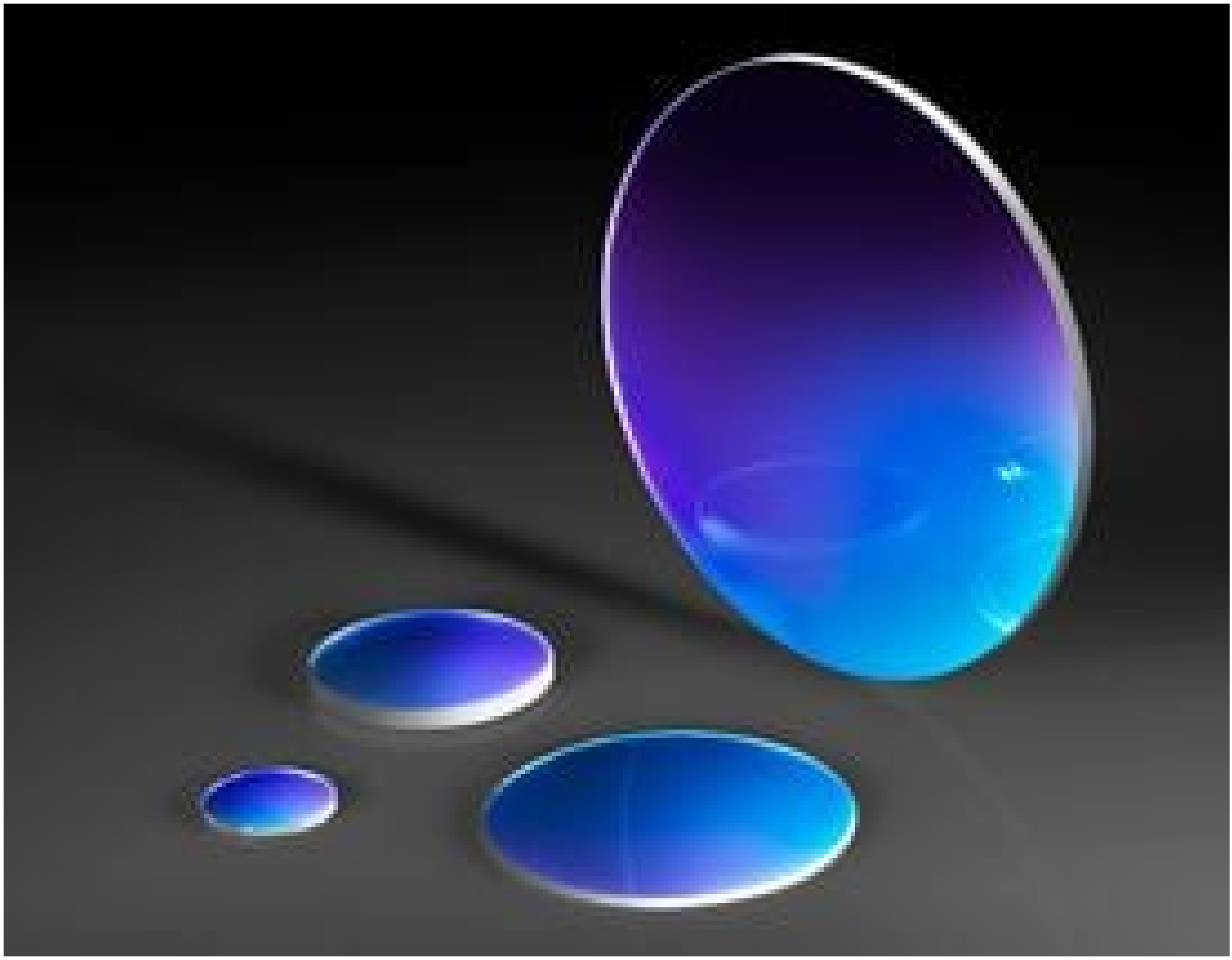
TECHSPEC® 15mm Dia., 0.5mm Thick, BBAR (2000-5000nm) AR Coated Sapphire Window



Stock **#21-020** 3-4 DAYS

- 1 + **€97,50**

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Qty 1-24
€97,50

Qty 25+
€78,00

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CUSTOM OPTIONS

Abbe Number (v_d):
72.24

Axis Orientation:
Random

Bevel:
Protective as needed

Birefringence (n_o-n_e):
0.008 for Visible Light Orthogonal to Optical Axis

Clear Aperture (%):
≥90

Clear Aperture CA (mm):
13.50

Diameter (mm):
15.00 ±0.05

Thickness (mm):
0.50 ±0.05

Coating:
BBAR (2000-5000nm)

Coating Specification:
R_{avg} <1.5% @ 2000-5000nm
R_{abs} <3.0% @ 2000-5000nm
R_{avg} <1.75% @ 2000-4000nm

Coefficient of Thermal Expansion CTE (10^{-6}/°C):
8.8

Density (g/cm^3):
3.97

Edges:
Fine Ground

Index of Refraction n_d:
1.77

Knoop Hardness (kg/mm^2):
1900

Parallelism (arcmin):
≤3.5

Poisson's Ratio:
0.27

Substrate:
Sapphire (Al_2O_3)

Surface Flatness (P-V):
2λ (typical)

Surface Quality:
80-50

Type:
Protective Window

Wavelength Range (nm):
2000 - 5000

Young's Modulus (GPa):
435

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 235:
Compliant