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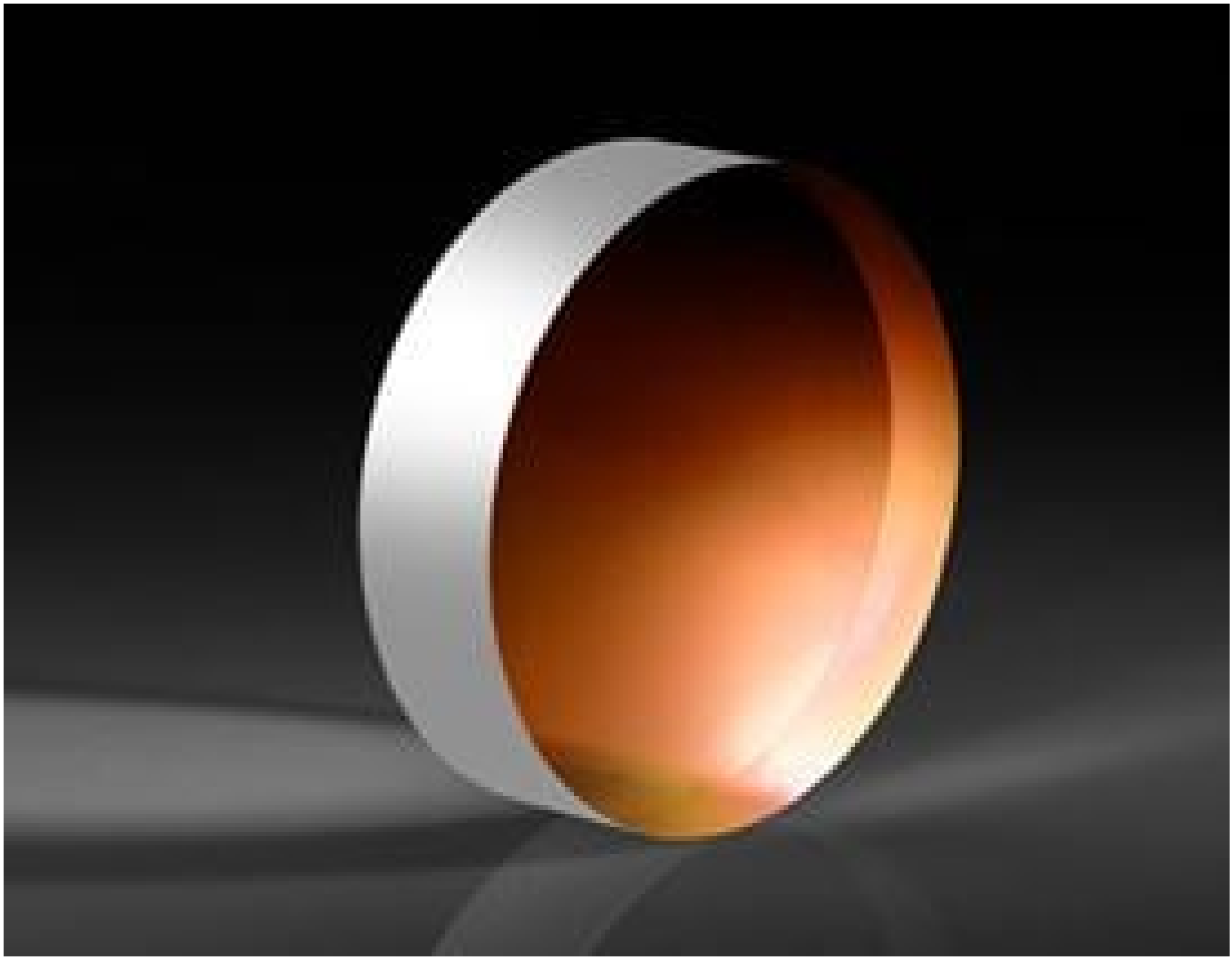
TECHSPEC® 50mm Dia., 2mm Thick, YAG-BBAR Coated, λ/10 Fused Silica Window



Stock **#13-360** 3-4 DAYS

- 1 + **€262,50**

ADD TO CART

Qty 1-5
€262,50

Qty 6+
€210,00

Volume Pricing
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Prices shown are exclusive of VAT/local taxes

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CUSTOM OPTIONS

Abbe Number (v_d):
67.8

Bevel:
Protective as needed

Clear Aperture (%):
80

Clear Aperture CA (mm):
40.00

Diameter (mm):
50.00 +0.00/-0.20

Thickness (mm):
2.00 ±0.10

Coating:
YAG-BBAR (500-1100nm)

Coating Specification:
R_{abs} <0.25% @ 532nm
R_{abs} <0.25% @ 1064nm
R_{avg} <1.0% @ 500 - 1100nm

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/cm^3):
2.20

Edges:
Fine Ground

Index of Refraction n_d:
1.458

Knoop Hardness (kg/mm^2):
522

Parallelism (arcsec):
<5

Poisson's Ratio:
0.16

Substrate:
Fused Silica (Corning 7980)

Surface Quality:
20-10

Transmitted Wavefront, P-V:
λ/10

Type:
Protective Window

Wavelength Range (nm):
500 - 1100

Young's Modulus (GPa):
73

Damage Threshold, By Design:
5 J/cm^2 @ 532nm, 10ns

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 235:
Compliant