TECHSPEC® 20mm Square MgF_2 Coated, B270 Window

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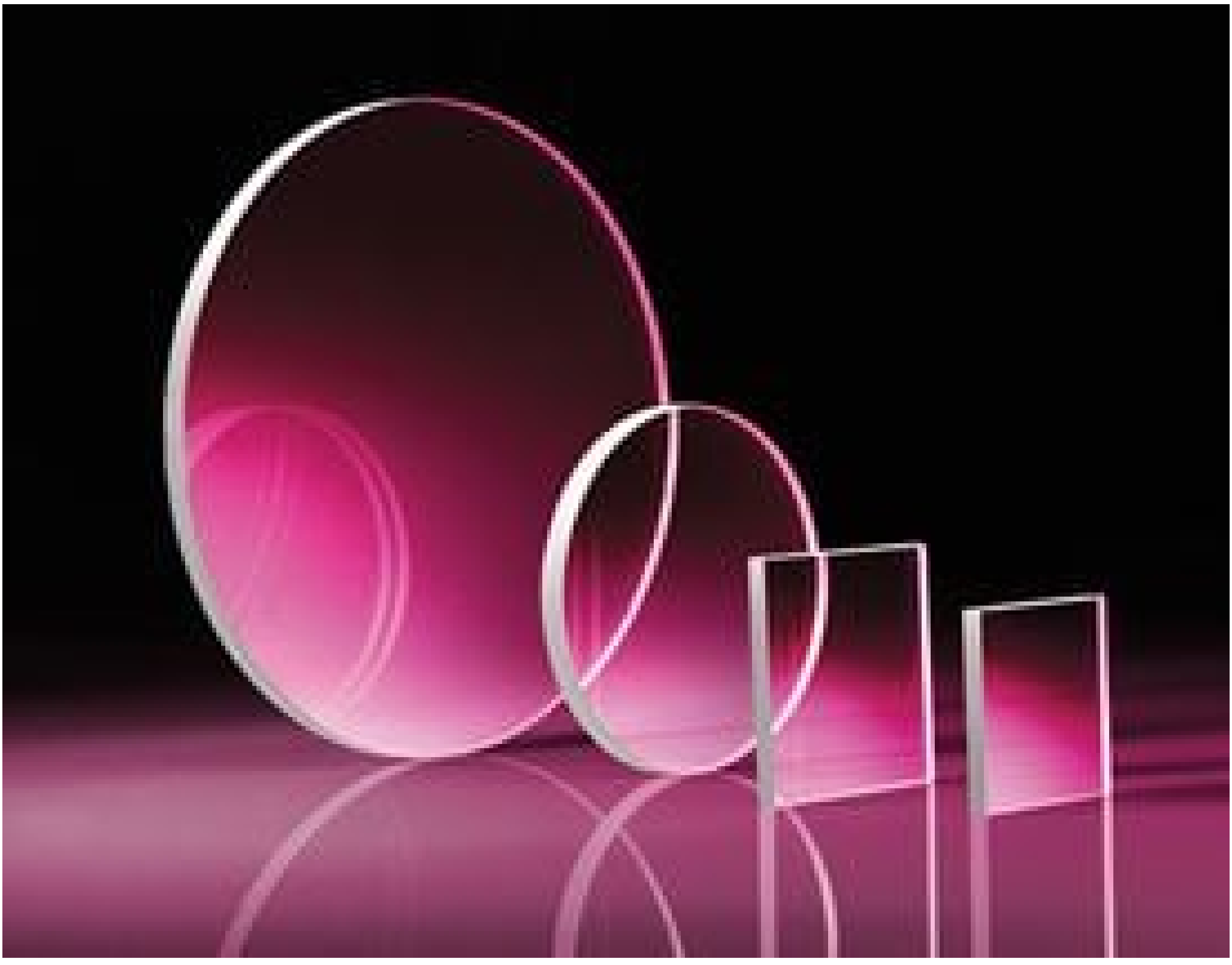

Stock **#64-091** 3-5 DAYS

1 **A$60.00**

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Abbe Number (v_d):
58.3

Bevel:
Protective as needed

Clear Aperture CA (mm):
18.00 x 18.00

Dimensions (mm):
20.00 x 20.00

Thickness (mm):
2.00

Coating:
MgF_2 (632.8nm)

Coating Specification:
R_{avg} ≤1.50% @ 632.8nm (N-BK7)

Coefficient of Thermal Expansion CTE (10^{-6}/°C):
9.4 (+20 to +300°C)

Density (g/cm^3):
2.56

Edges:
Fine Ground

Index of Refraction n_d:
1.523

Knoop Hardness (kg/mm^2):
500

Poisson's Ratio:
0.22

Substrate:
B270

Surface Flatness (P-V):
1λ

Surface Quality:
60-40

Type:
Protective Window

Wavelength Range (nm):
400 - 700

Young's Modulus (GPa):
71.5

Length (mm):
20.00

Width (mm):
20.00

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

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 240:
Compliant