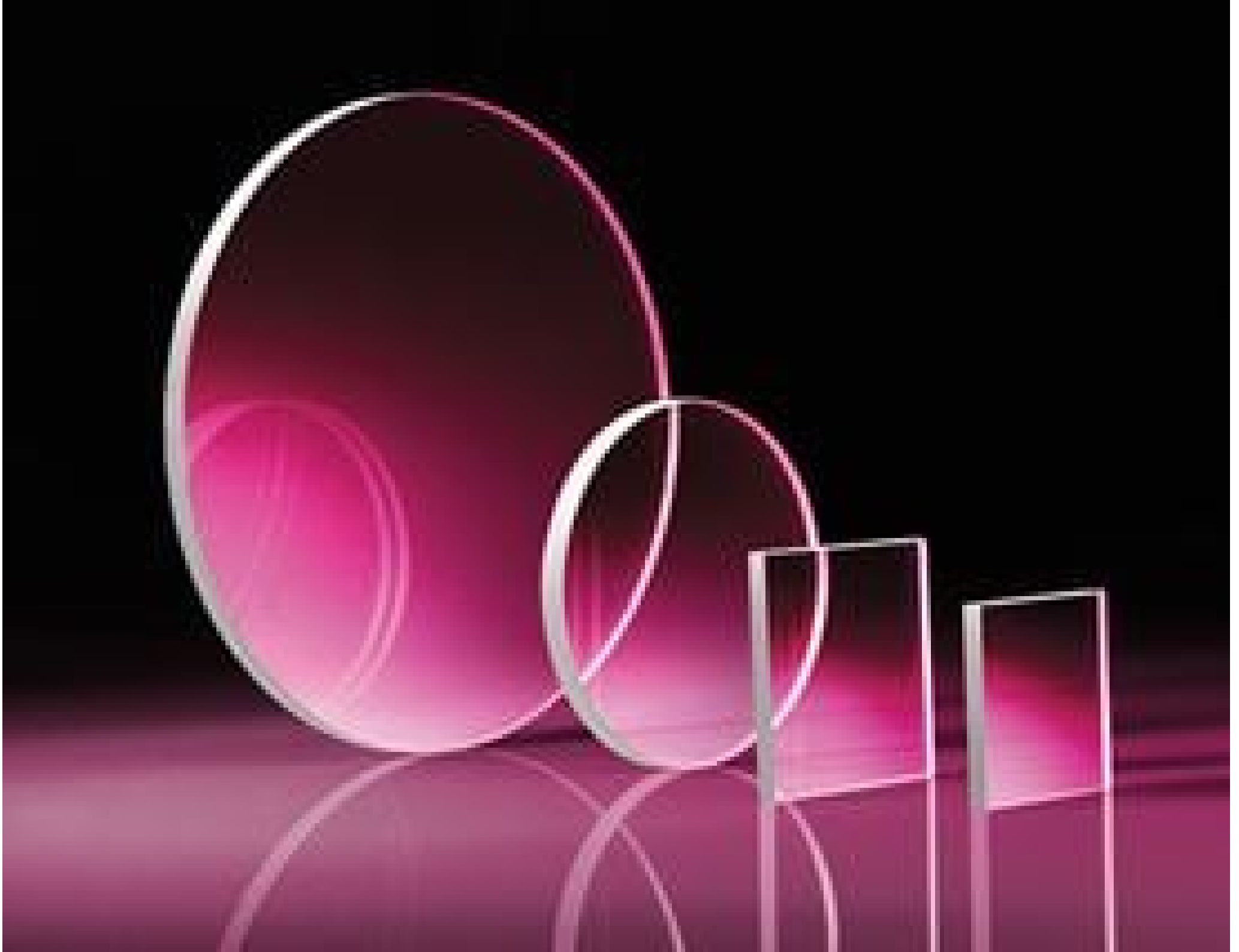


## TECHSPEC® 5mm Diameter MgF<sub>2</sub> Coated, B270 Window

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Stock #32-946  In Stock

1  **C\$48.30**

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Qty 1-5

C\$48.30

Qty 6+

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**Abbe Number (v<sub>d</sub>):**  
58.3

**Bevel:**  
Protective as needed

**Clear Aperture CA (mm):**  
4.50

**Diameter (mm):**  
5.00 ±0.25

**Thickness (mm):**  
1.00

**Coating:**  
MgF<sub>2</sub> (632.8nm)

**Coating Specification:**  
R<sub>avg</sub> ≤1.50% @ 632.8nm (N-BK7)

**Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):**  
9.4 (+20 to +300°C)

**Density (g/cm<sup>3</sup>):**  
2.56

**Edges:**  
Fine Ground

**Index of Refraction n<sub>d</sub>:**  
1.523

**Knoop Hardness (kg/mm<sup>2</sup>):**  
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

**Damage Threshold, By Design:**   
10 J/cm<sup>2</sup> @532nm, 10ns

## Regulatory Compliance

**RoHS 2015:**  
[Compliant](#)

**Certificate of Conformance:**  
[View](#)

**Reach 240:**  
[Compliant](#)