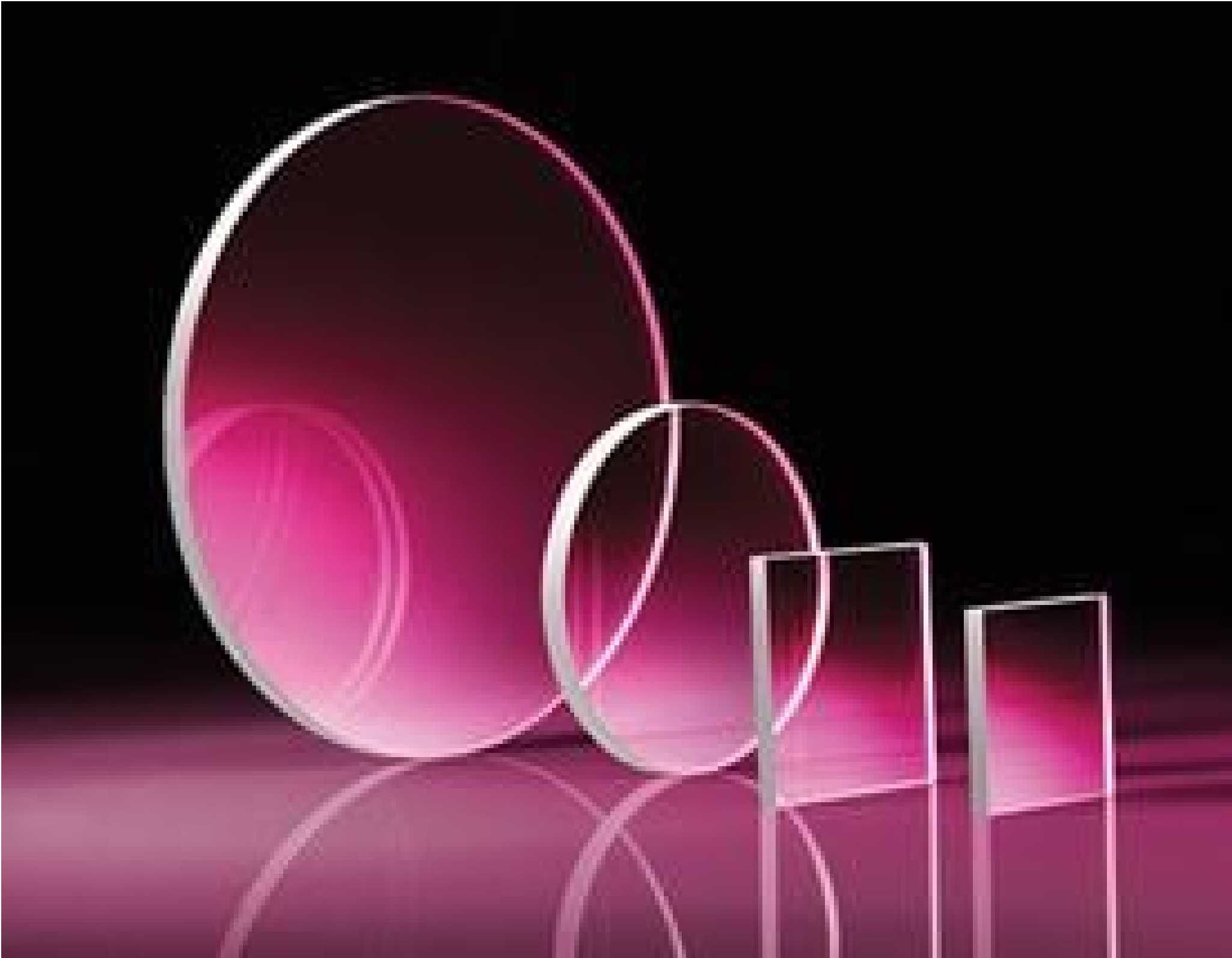


**TECHSPEC® 5mm Diameter MgF<sub>2</sub> Coated, B270 Window**

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Stock #32-946 3-5 DAYS

⊖ 1 ⊕

**A\$55.20**

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Qty 1-5

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Qty 6+

A\$44.00

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

Bevel:  
Protective as needed

Clear Aperture CA (mm):  
4.50

|                                                                                          |
|------------------------------------------------------------------------------------------|
| <b>Diameter (mm):</b><br>5.00 ±0.25                                                      |
| <b>Thickness (mm):</b><br>1.00                                                           |
| <b>Coating:</b><br>MgF <sub>2</sub> (632.8nm)                                            |
| <b>Coating Specification:</b><br>R <sub>avg</sub> ≤1.50% @ 632.8nm (N-BK7)               |
| <b>Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):</b><br>9.4 (+20 to +300°C) |
| <b>Density (g/cm³):</b><br>2.56                                                          |
| <b>Edges:</b><br>Fine Ground                                                             |
| <b>Index of Refraction n<sub>d</sub>:</b><br>1.523                                       |
| <b>Knoop Hardness (kg/mm²):</b><br>500                                                   |
| <b>Poisson's Ratio:</b><br>0.22                                                          |
| <b>Substrate:</b><br><a href="#">B270</a>                                                |
| <b>Surface Flatness (P-V):</b><br>1λ                                                     |
| <b>Surface Quality:</b><br>60-40                                                         |
| <b>Type:</b><br>Protective Window                                                        |
| <b>Wavelength Range (nm):</b><br>400 - 700                                               |
| <b>Young's Modulus (GPa):</b><br>71.5                                                    |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br>10 J/cm² @ 532nm, 10ns   |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |
| <b>Reach 240:</b><br><a href="#">Compliant</a>             |