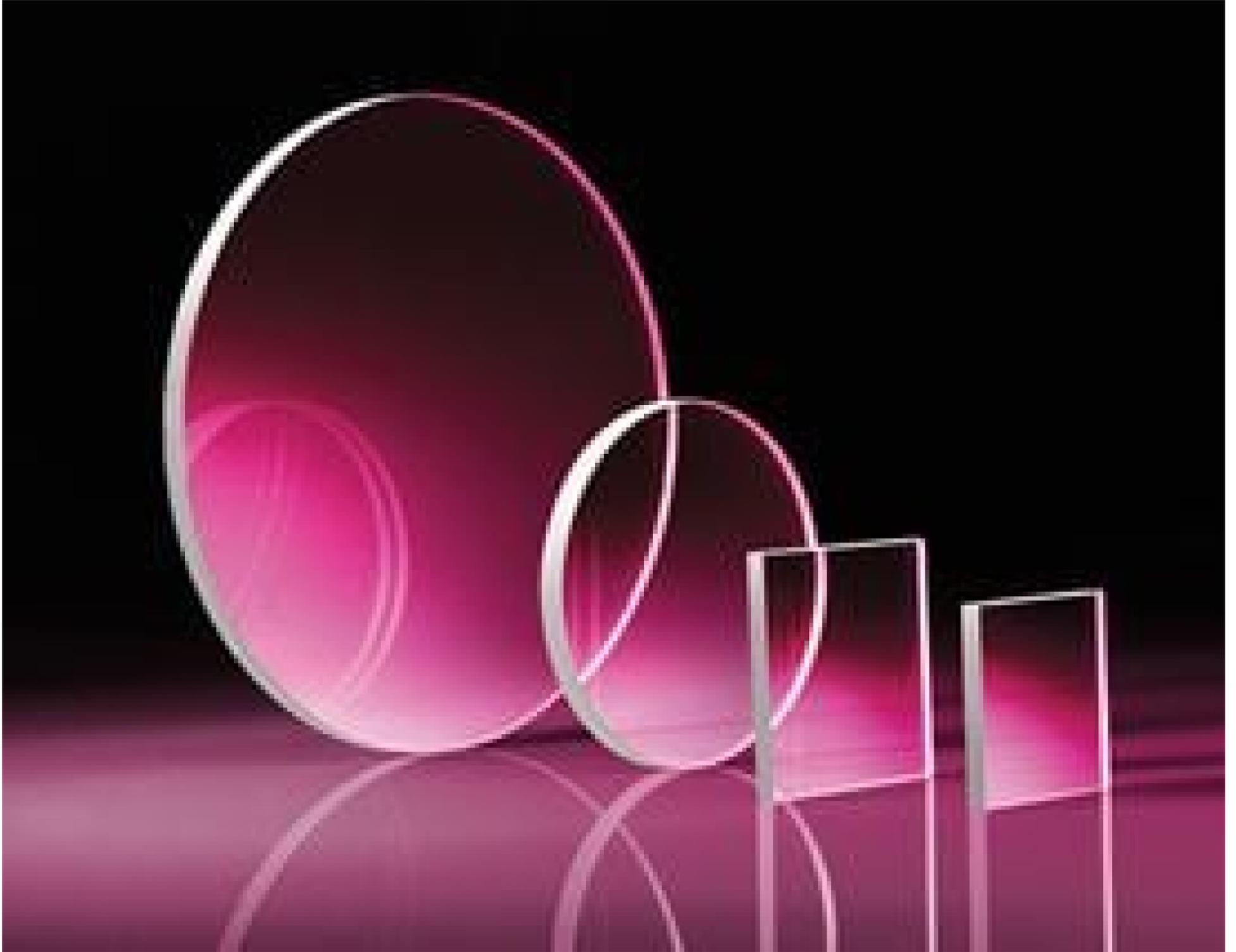


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## TECHSPEC® 150mm Dia., 4mm Thick, Uncoated, B270 Window

See More by [SCHOTT Optical Components](#)



Stock #17-171 **10 In Stock**

C\$368<sup>00</sup>

**ADD TO CART**

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | C\$368.20 each                |
| Qty 6-25       | C\$294.00 each                |
| Qty 26-99      | C\$277.20 each                |
| Need More?     | <a href="#">Request Quote</a> |

### Product Downloads

65.00 #Sorting:

### General

Protective Window Type:

### Physical & Mechanical Properties

135.00 Clear Aperture CA (mm):

|                      |  |
|----------------------|--|
| 150.00 +0.00/-0.25   | <b>Diameter (mm):</b>                      |
| 4.00 ±0.20           | <b>Thickness (mm):</b>                     |
| Protective as needed | <b>Bevel:</b>                              |
| Fine Ground          | <b>Edges:</b>                              |
| 0.22                 | <b>Poisson's Ratio:</b>                    |
| 71.5                 | <b>Young's Modulus (GPa):</b>              |
| 500.00               | <b>Knoop Hardness (kg/mm<sup>2</sup>):</b> |

### Optical Properties

|                                |   |
|--------------------------------|---|
| Uncoated                       | <b>Coating:</b>                             |
| <a href="#">B270</a>           | <b>Substrate:</b> □                         |
| 1.523                          | <b>Index of Refraction (n<sub>d</sub>):</b> |
| 60-40                          | <b>Surface Quality:</b>                     |
| 58.3                           | <b>Abbe Number (v<sub>d</sub>):</b>         |
| 360 - 2700                     | <b>Wavelength Range (nm):</b>               |
| 1λ (per 25.4mm Dia. within CA) | <b>Surface Flatness (P-V):</b>              |

### Material Properties

|                     |   |
|---------------------|---|
| 2.56                | <b>Density (g/cm<sup>3</sup>):</b>                                |
| 9.4 (+20 to +300°C) | <b>Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):</b> |

### Regulatory Compliance

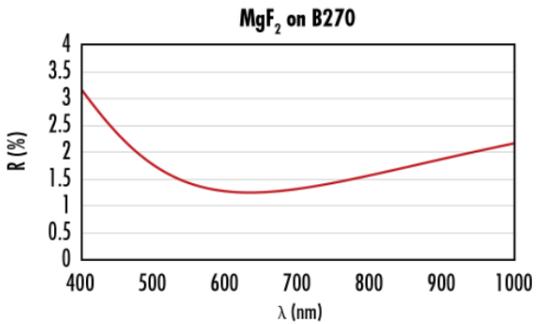
|                           |                                    |
|---------------------------|------------------------------------|
| <a href="#">Compliant</a> | <b>RoHS 2015:</b>                  |
| <a href="#">View</a>      | <b>Certificate of Conformance:</b> |
| <a href="#">Compliant</a> | <b>Reach 247:</b>                  |

## Product Details

- Large Selection of Sizes
- Available Uncoated, MgF<sub>2</sub>, or VIS-NIR Anti-Reflection (AR) Coated
- Custom Sizes Available for Volume OEM Requirements

TECHSPEC® B270 Windows offer a high transmission from the visible to the near-infrared (NIR). They have a similar refractive index to N-BK7 while being more cost-effective. These windows are often used as a protective element due to their high solarization stability and chemical resistance, making them ideal for standard window applications. TECHSPEC® B270 Windows are available either uncoated or coated with a MgF<sub>2</sub> or VIS-NIR Anti-Reflection (AR) Coating. Both circular and square options are offered in various sizes, and custom sizes and coatings are available for OEM applications.

## Technical Information



## Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

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