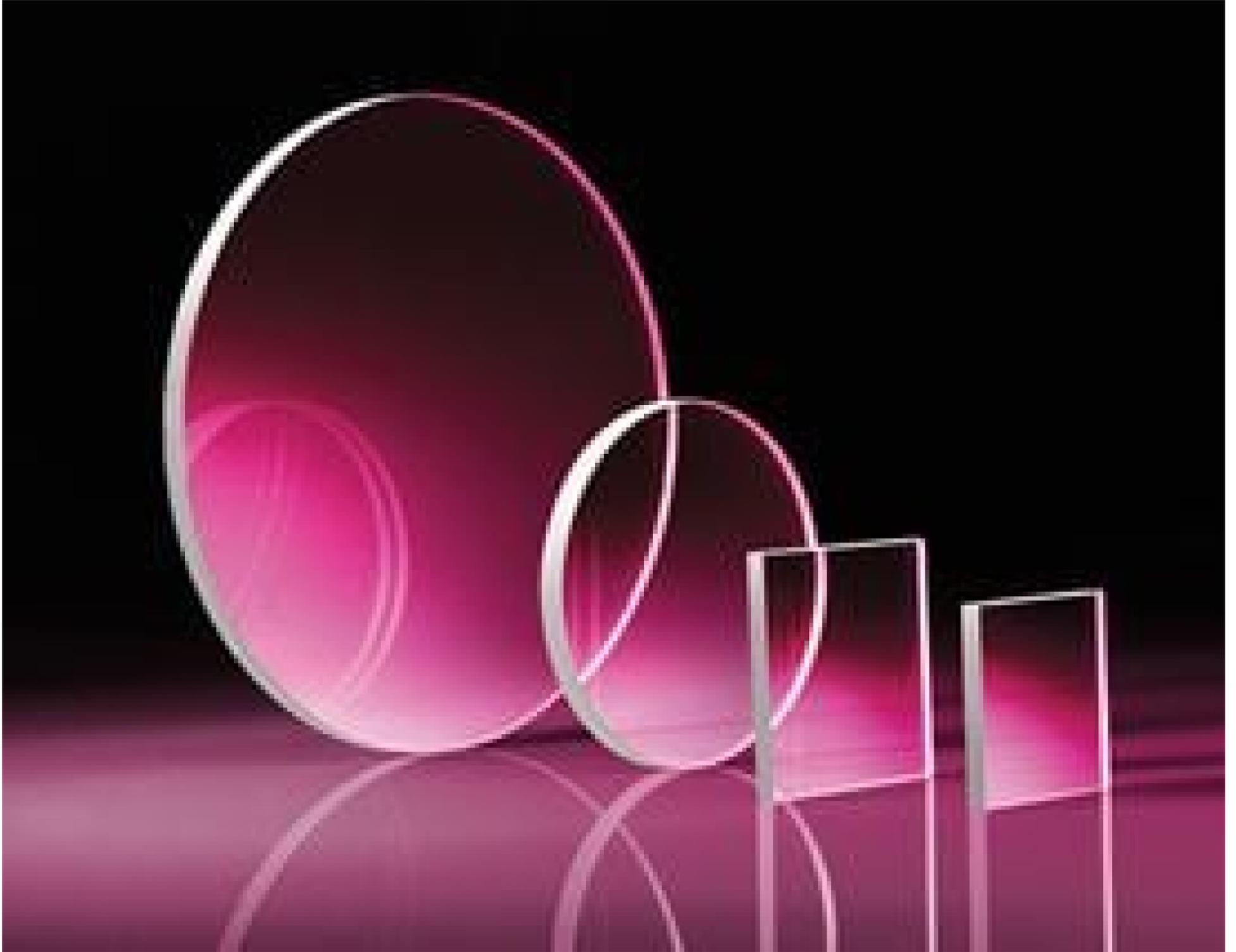


**TECHSPEC® 20mm Square, Uncoated, B270 Window**

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Stock #64-087 **20+ In Stock**

⊖ 1 ⊕ ₹2,457

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**General**

Protective Window Type:

**Physical & Mechanical Properties**

18.00 x 18.00 Clear Aperture CA (mm):

20.00 x20.00	<b>Dimensions (mm):</b>
2.00	<b>Thickness (mm):</b>
20.00	<b>Length (mm):</b>
20.00	<b>Width (mm):</b>
±0.25	<b>Dimensional Tolerance (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>
<b>B270</b>	<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	<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

<b>Compliant</b>	<b>RoHS 2015:</b>
<b>View</b>	<b>Certificate of Conformance:</b>
<b>Compliant</b>	<b>Reach 247:</b>
United States	<b>Country of Origin:</b>
Edmund Optics India Private Limited	<b>Imported By:</b>

## 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

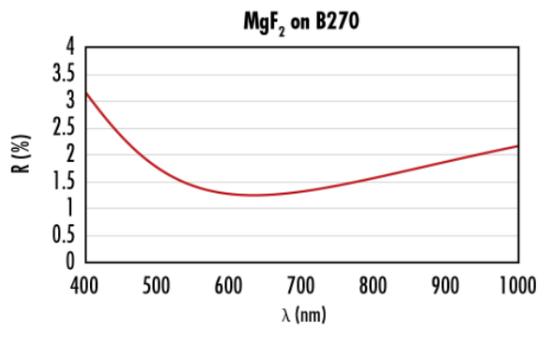
Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

## Product Details

- Large Selection of Sizes
- Available Uncoated, MgF2, 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 MgF2 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



## Compatible Mounts

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