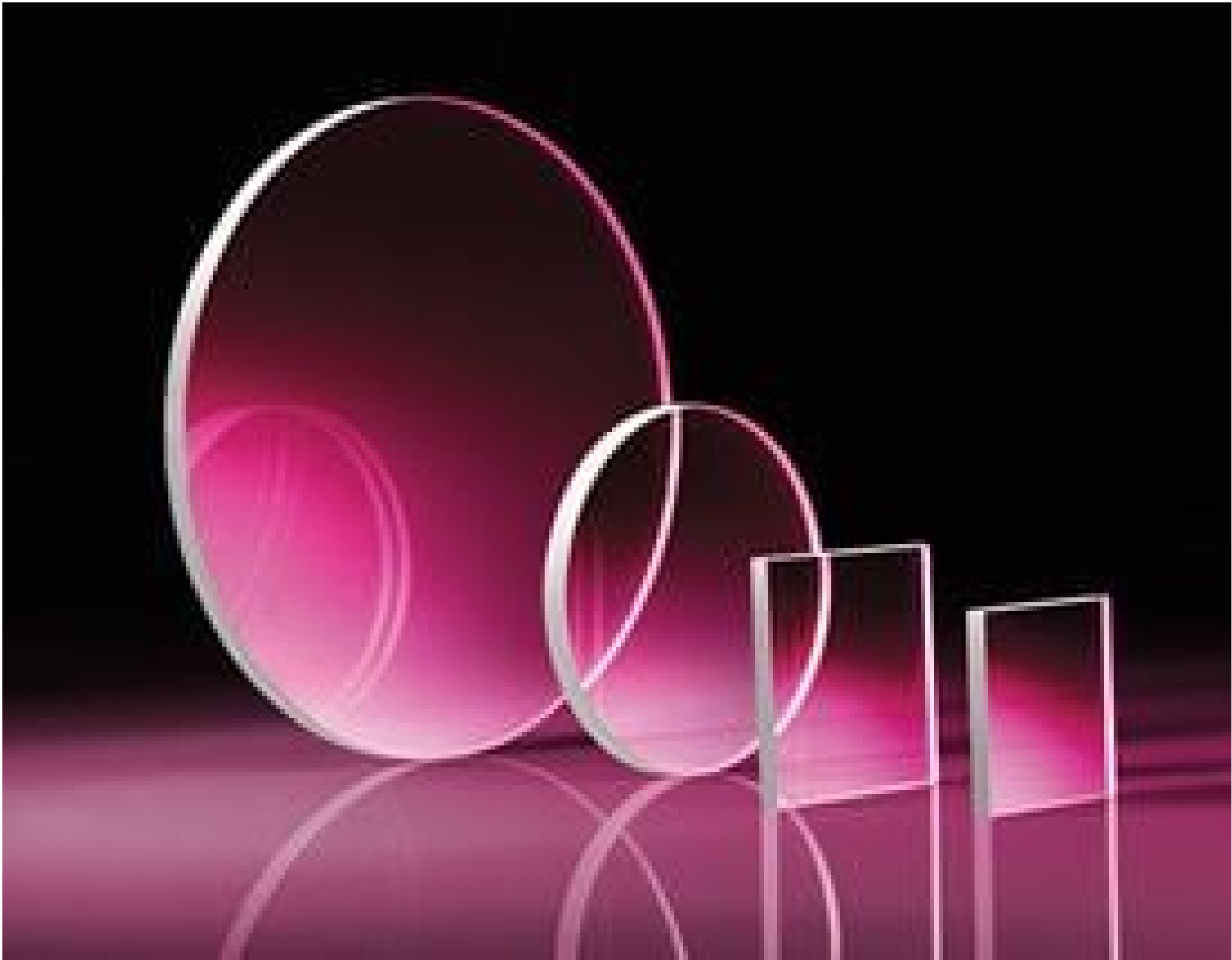


TECHSPEC<sup>®</sup> 12.5mm Square Uncoated, B270 Window

See More by [SCHOTT Optical Components](#)



Stock **#64-085** 20+ In Stock

-

1

+

€32<sup>96</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | €32,96 each                   |
| Qty 6-25       | €26,27 each                   |
| Qty 26-99      | €24,72 each                   |
| Need More?     | <a href="#">Request Quote</a> |

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Protective Window

Type:

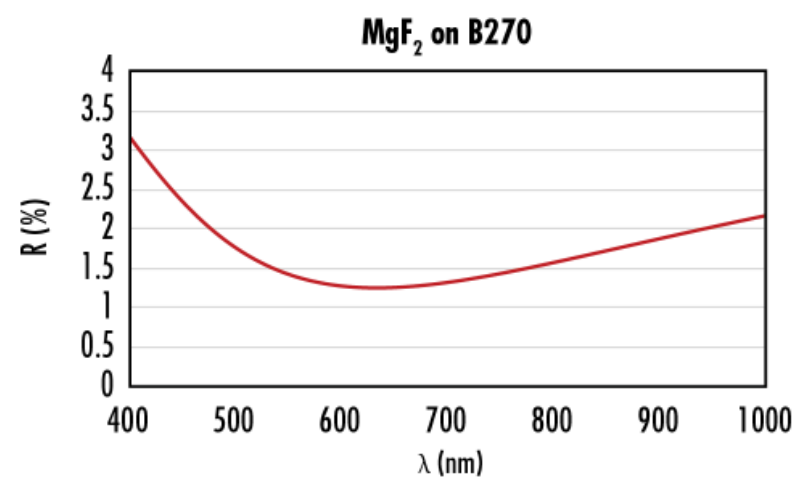
| Physical & Mechanical Properties |                                                              |
|----------------------------------|--------------------------------------------------------------|
| Protective as needed             | Bevel:                                                       |
| 11.25 x 11.25                    | Clear Aperture CA (mm):                                      |
| 12.50 x 12.50                    | Dimensions (mm):                                             |
| 2.00                             | Thickness (mm):                                              |
| Fine Ground                      | Edges:                                                       |
| 500.00                           | Knoop Hardness (kg/mm <sup>2</sup> ):                        |
| 0.22                             | Poisson's Ratio:                                             |
| 71.5                             | Young's Modulus (GPa):                                       |
| 12.50                            | Length (mm):                                                 |
| 12.50                            | Width (mm):                                                  |
| Optical Properties               |                                                              |
| 58.3                             | Abbe Number (v <sub>d</sub> ):                               |
| Uncoated                         | Coating:                                                     |
| 1.523                            | Index of Refraction (n <sub>d</sub> ):                       |
| B270                             | Substrate:                                                   |
| 1λ                               | Surface Flatness (P-V):                                      |
| 60-40                            | Surface Quality:                                             |
| 360 - 2700                       | Wavelength Range (nm):                                       |
| Material Properties              |                                                              |
| 9.4 (+20 to +300°C)              | Coefficient of Thermal Expansion CTE (10 <sup>-6</sup> /°C): |
| 2.56                             | Density (g/cm <sup>3</sup> ):                                |
| Regulatory Compliance            |                                                              |
| Compliant                        | RoHS 2015:                                                   |
| View                             | Certificate of Conformance:                                  |
| Compliant                        | Reach 247:                                                   |

## 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



## 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](#).

## COMPATIBLE MOUNTS