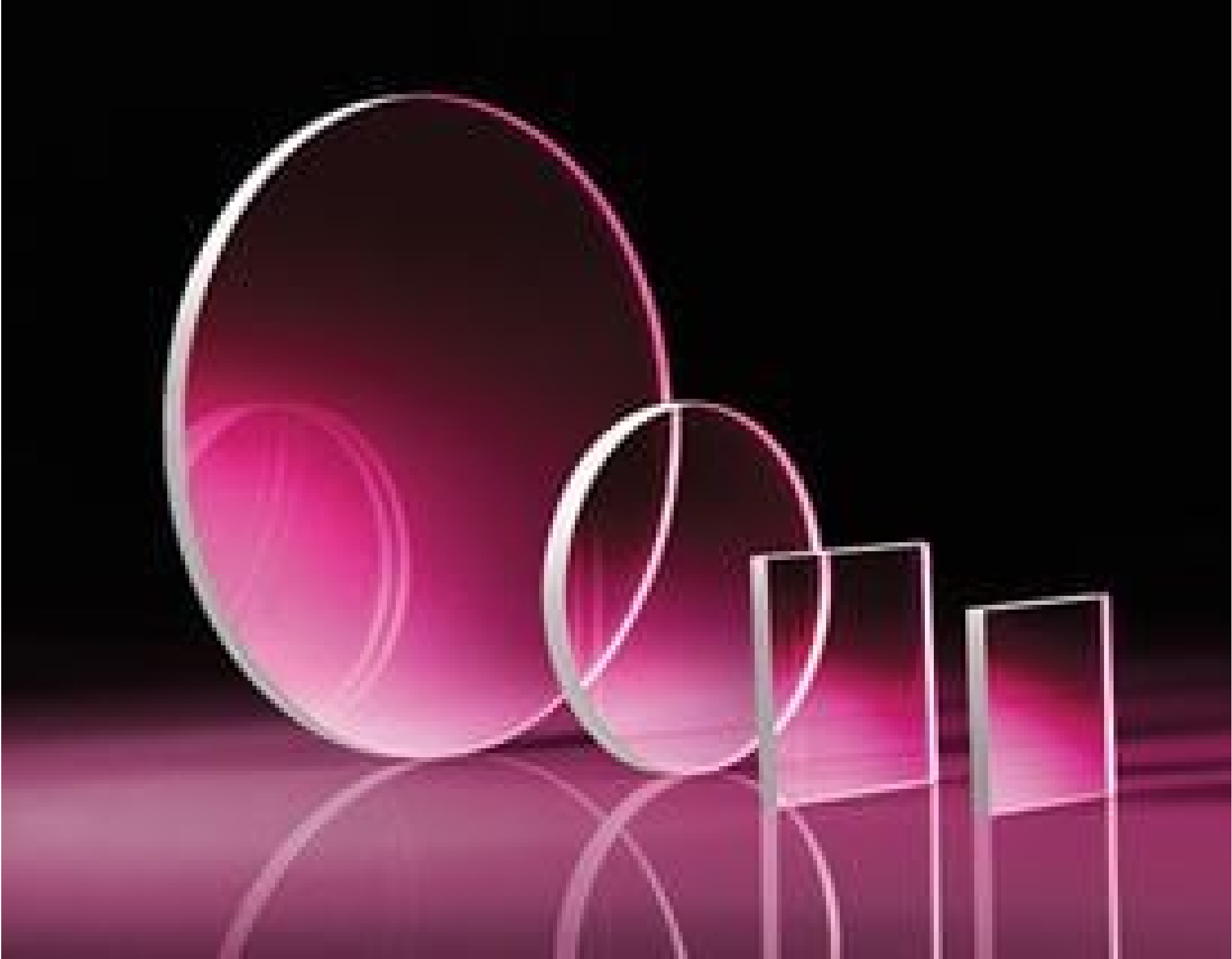


TECHSPEC<sup>®</sup> 30mm Diameter Uncoated, B270 Window

See More by [SCHOTT Optical Components](#)



Stock **#45-641** [CONTACT US](#)

-

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+

€43<sup>.50</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | €43,50 each                   |
| Qty 6-25       | €35,00 each                   |
| Qty 26-99      | €32,00 each                   |
| Need More?     | <a href="#">Request Quote</a> |

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Protective Window

Physical & Mechanical Properties

Bevel:

Protective as needed

Clear Aperture CA (mm):

|             |                          |
|-------------|--------------------------|
| 27.00       |                          |
|             | Diameter (mm):           |
| 30.00 ±0.25 |                          |
|             | Thickness (mm):          |
| 2.00        |                          |
|             | Edges:                   |
| Fine Ground |                          |
|             | Knoop Hardness (kg/mm²): |
| 500.00      |                          |
|             | Poisson's Ratio:         |
| 0.22        |                          |
|             | Young's Modulus (GPa):   |
| 71.5        |                          |

| Optical Properties |                                        |
|--------------------|----------------------------------------|
|                    | Abbe Number (v <sub>d</sub> ):         |
| 58.3               |                                        |
|                    | Coating:                               |
| Uncoated           |                                        |
|                    | Index of Refraction (n <sub>d</sub> ): |
| 1.523              |                                        |
|                    | Substrate:                             |
| B270               |                                        |
|                    | Surface Flatness (P-V):                |
| 1λ                 |                                        |
|                    | Surface Quality:                       |
| 60-40              |                                        |

|                     | Wavelength Range (nm):                                       |
|---------------------|--------------------------------------------------------------|
| 360 - 2700          |                                                              |
| Material Properties |                                                              |
|                     | Coefficient of Thermal Expansion CTE (10 <sup>-6</sup> /°C): |
| 9.4 (+20 to +300°C) |                                                              |
|                     | Density (g/cm³):                                             |
| 2.56                |                                                              |

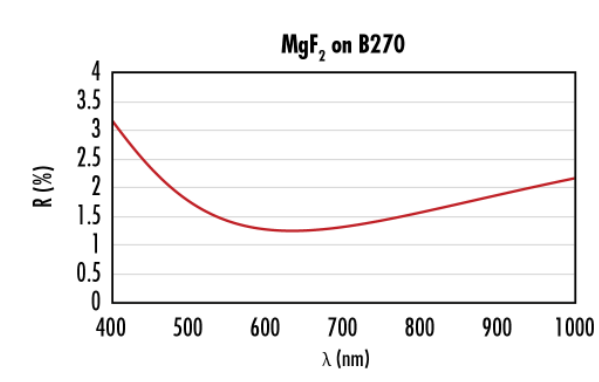
| Regulatory Compliance |                             |
|-----------------------|-----------------------------|
|                       | RoHS 2015:                  |
| Compliant             |                             |
|                       | Certificate of Conformance: |
| View                  |                             |
|                       | Reach 247:                  |
| Compliant             |                             |

## 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

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