

[See all 68 Products in Family](#)

TECHSPEC® 30mm Diameter, VIS-NIR Coated, B270 Window

See More by [SCHOTT Optical Components](#)



Stock #26-581 **13 In Stock**

- 1 + £61²⁰

ADD TO CART

Volume Pricing	
Qty 1-5	£61.20 each
Qty 6-25	£48.80 each
Qty 26-99	£45.60 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Protective Window **Type:**
Glass **Type of Window:**

Physical & Mechanical Properties

Clear Aperture CA (mm):

27.00

30.00 ±0.25

Diameter (mm):

2.00

Thickness (mm):

Protective as needed

Bevel:

Fine Ground

Edges:

0.22

Poisson's Ratio:

71.5

Young's Modulus (GPa):

500.00

Knoop Hardness (kg/mm²):

Optical Properties

VIS-NIR (400-1000nm)

Coating:

B270

Substrate:

1.523

Index of Refraction (n_d):

60-40

Surface Quality:

58.3

Abbe Number (v_d):

R_{avg} ≤0.25% @ 880nm
R_{avg} ≤1.25% @ 400 - 870nm
R_{avg} ≤1.25% @ 890 - 1000nm

Coating Specification:

360 - 2700

Wavelength Range (nm):

1λ

Surface Flatness (P-V):

5 J/cm² @ 532nm, 10ns

Damage Threshold, By Design:

Material Properties

2.56

Density (g/cm³):

9.4 (+20 to +300°C)

Coefficient of Thermal Expansion CTE (10⁻⁶/°C):

Regulatory Compliance

Compliant

RoHS 2015:

View

Certificate of Conformance:

Compliant

Reach 235:

Need different specs or modifications?

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



Coating Curves

Compatible Mounts
