

[See all 12 Products in Family](#)

5mm Diameter B270 Half-Ball Lens



B270 Half-Ball Lenses

Stock #21-902 **20+ In Stock**

⊖ 1 ⊕ £32.⁰⁰

ADD TO CART

Volume Pricing

Qty 1-10	£32.00 each
Qty 11-25	£27.00 each
Qty 26-49	£24.20 each
Need More?	Request Quote

i Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Half-Ball Lens **Type:**

Physical & Mechanical Properties

5.00 ±0.1 **Diameter (mm):**

Center Thickness CT (mm):

2.50 ±0.15

2.50 Radius R (mm):

Optical Properties

[B270](#) Substrate:

Uncoated Coating:

360 - 2700 Wavelength Range (nm):

1.523 Index of Refraction (n_d):

Regulatory Compliance

[Compliant](#) RoHS 2015:

[Compliant](#) Reach 224:

[View](#) Certificate of Conformance:

Product Details

- Available in Truncated and Extended Geometries
- High Transmission in the Visible and NIR
- Ideal for Cost Sensitive Applications

B270 Half-Ball Lenses feature a molded spherical surface and polished plano surface, facilitating easier mounting compared to ball lenses. The B270 substrates have high transmission from the visible to the near infrared (NIR) and have a similar refractive index to N-BK7, making these lenses an ideal alternative for cost sensitive applications. Each diameter of lens is available in two form factors, truncated (hypo-hemisphere) and extended (hyper-hemisphere), providing options to best meet system mechanical requirements. B270 Half-Ball Lenses are used in high power LED, fiber coupling, endoscopy, microscopy, and laser measurement applications.