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4mm Diameter, Truncated B270 Half-Ball Lens



B270 Half-Ball Lenses

Stock #21-900 [CONTACT US](#)

⊖ 1 ⊕ £29⁰⁰

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Volume Pricing	
Qty 1-10	£29.60 each
Qty 11-25	£25.00 each
Qty 26-49	£22.40 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Half-Ball Lens **Type:**

Physical & Mechanical Properties

4.00 ±0.1 **Diameter (mm):**

Center Thickness CT (mm):

1.70 ±0.15

2.00 **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.