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## 5mm Diameter, Truncated B270 Half-Ball Lens



B270 Half-Ball Lenses

Stock **#21-903** **4 In Stock**

⊖ 1 ⊕ £32.<sup>00</sup>

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### Volume Pricing

Qty 1-10	£32.00 each
Qty 11-25	£27.00 each
Qty 26-49	£24.20 each
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ⓘ 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):**

2.20 ±0.15

2.50 **Radius R (mm):**

## Optical Properties

**B270** **Substrate:** □

Uncoated **Coating:**

360 - 2700 **Wavelength Range (nm):**

1.523 **Index of Refraction (n<sub>d</sub>):**

## 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.