

[See all 12 Products in Family](#)

## 6mm Diameter, Extended B270 Half-Ball Lens



B270 Half-Ball Lenses

Stock #21-907 **11 In Stock**

⊖ 1 ⊕ €40.<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-10	€40,00 each
Qty 11-25	€33,75 each
Qty 26-49	€30,25 each
Need More?	<a href="#">Request Quote</a>

**i** Prices shown are exclusive of VAT/local taxes

### Product Downloads

### General

Half-Ball Lens **Type:**

### Physical & Mechanical Properties

6.00 ±0.1 **Diameter (mm):**

**Center Thickness CT (mm):**

3.30 ±0.15

3.00 **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.