

[See all 12 Products in Family](#)

## 5mm Diameter B270 Half-Ball Lens



B270 Half-Ball Lenses

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

- 1 + MRP ₹4,036

Price inclusive of all taxes

**ADD TO CART**

Volume Pricing	
Qty 1-10	₹4,036 each
Qty 11-25	₹3,405 each
Qty 26-49	₹3,053 each
Need More?	<a href="#">Request Quote</a>

### 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<sub>d</sub>):**

## Regulatory Compliance

**Compliant** **RoHS 2015:**

**Compliant** **Reach 224:**

**View** **Certificate of Conformance:**

Germany **Country of Origin:**

**Imported By:**  
Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91- 80-6845 0000

## 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.