

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



B270 Half-Ball Lenses

Stock #21-904 **4 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>

ⓘ 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):**

2.80 ±0.15

Radius R (mm):

2.50

## 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.