

## 6mm Diameter B270 Half-Ball Lens



B270 Half-Ball Lenses

Stock **#21-905** 20+ 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): |

|                       |                                        |
|-----------------------|----------------------------------------|
| 3.00 ±0.15            |                                        |
| 3.00                  | Radius R (mm):                         |
| Optical Properties    |                                        |
| B270                  | Substrate: <input type="checkbox"/>    |
| 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.