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4mm Diameter, Extended B270 Half-Ball Lens

B270 Half-Ball Lenses

Stock **#21-901** **8 In Stock**

- 1 + **C$51**.80

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Qty 1-10	**C$51.80** each
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General

Type:

Half-Ball Lens

Physical & Mechanical Properties

Diameter (mm):

4.00 ±0.1

Center Thickness CT (mm):

2.30 ±0.15

Radius R (mm):

2.00

Optical Properties

Substrate:

B270

Coating:

Uncoated

Wavelength Range (nm):

360 - 2700

Index of Refraction (n_d):

1.523

Regulatory Compliance

RoHS 2015:

Compliant

Reach 224:

Compliant

Certificate of Conformance:

View

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.

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