

5mm Diameter, Extended B270 Half-Ball Lens



B270 Half-Ball Lenses

Stock **#21-904** 5 In Stock

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1

+

C\$53⁸⁷

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Volume Pricing	
Qty 1-10	C\$53.87 each
Qty 11-25	C\$43.09 each
Qty 26-49	C\$38.70 each
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SPECIFICATIONS

General

Half-Ball Lens

Type:

Physical & Mechanical Properties

Diameter (mm):	
5.00 ±0.1	
Center Thickness CT (mm):	
2.80 ±0.15	
Radius R (mm):	
2.50	
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.