

5mm Diameter, Extended B270 Half-Ball Lens



B270 Half-Ball Lenses

Stock **#21-904** 4 In Stock

-

1

+

€40⁰⁰

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Volume Pricing	
Qty 1-10	€40,00 each
Qty 11-25	€33,75 each
Qty 26-49	€30,25 each
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 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	
2.50	Radius R (mm):
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.