

**TECHSPEC® 5.0mm Diameter, N-BK7 Half-Ball Lens**



TECHSPEC® N-BK7 Half-Ball Lenses

Stock #47-270 **20+ In Stock**

⊖ 1 ⊕ A\$89<sup>00</sup>

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Volume Pricing	
Qty 1-10	A\$89.60 each
Qty 11-49	A\$80.00 each
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**General**

Half-Ball Lens **Type:**

**Physical & Mechanical Properties**

5.00 **Diameter (mm):**

±0.05 **Center Thickness Tolerance (mm):**

**Radius R (mm):**

2.50

Radius Tolerance ( $\mu\text{m}$ ):

+0.0/-1.5

Thickness (mm):

2.50

Diameter Tolerance ( $\mu\text{m}$ ):

$\pm 2.5$

### Optical Properties

Substrate:

N-BK7

Coating:

Uncoated

Wavelength Range (nm):

350 - 2200

### Regulatory Compliance

RoHS 2015:

Compliant

Reach 219:

Compliant

Certificate of Conformance:

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## Product Details

- Fiber Coupling Half-Spheres
- Collimating Lenses

TECHSPEC® N-BK7 Half-Ball Lenses are ideal for applications such as fiber communication, endoscopy, microscopy, optical pick-up devices, and laser measurement systems. Half-ball (hemispherical) lenses can be interchanged with full ball lenses if the physical constraints of an application require a more compact design. These collimating lenses are uncoated, with a wavelength range of 350-2200nm. TECHSPEC® N-BK7 Half-Ball Lenses are offered in diameters ranging from 0.50 to 10.00mm.

## Technical Information

