

**TECHSPEC® 8.0mm Diameter, N-BK7 Half-Ball Lens**



TECHSPEC® N-BK7 Half-Ball Lenses

Stock #45-936 **20+ In Stock**

S\$88<sup>20</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-10	<b>S\$88.20</b> each
Qty 11-49	<b>S\$79.10</b> each
Need More?	<a href="#">Request Quote</a>

Product Downloads

**General**

Half-Ball Lens **Type:**

**Physical & Mechanical Properties**

8.00 **Diameter (mm):**

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

**Radius R (mm):**

4.00

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

+0.0/-1.5

Thickness (mm):

4.00

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

Certificate of Conformance:

[View](#)

Reach 240:

Compliant

## 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

