

TECHSPEC® 1.0mm Diameter, N-BK7 Half-Ball Lens



TECHSPEC® N-BK7 Half-Ball Lenses

Stock **#49-568** **20+ In Stock**

⊖ 1 ⊕ **\$80⁰⁰**

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Volume Pricing	
Qty 1-10	\$80.50 each
Qty 11-49	\$72.10 each
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General

Half-Ball Lens **Type:**

Physical & Mechanical Properties

1.00 **Diameter (mm):**

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

Radius R (mm):

0.50

Radius Tolerance (μm):

+0.0/-1.5

Thickness (mm):

0.50

Diameter Tolerance (μm):

± 2.5

Optical Properties

Substrate:

N-BK7

Coating:

Uncoated

Wavelength Range (nm):

350 - 2200

Regulatory Compliance

RoHS 2015:

Compliant

Certificate of Conformance:

[View](#)

Reach 247:

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

