

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



TECHSPEC® N-BK7 Half-Ball Lenses

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

⊖ 1 ⊕ £44.<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-10	£44.80 each
Qty 11-49	£40.00 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 **Diameter (mm):**

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

2.50 Radius R (mm):

+0.0/-1.5 Radius Tolerance ( $\mu\text{m}$ ):

2.50 Thickness (mm):

$\pm 2.5$  Diameter Tolerance ( $\mu\text{m}$ ):

## Optical Properties

[N-BK7](#) Substrate:

Uncoated Coating:

350 - 2200 Wavelength Range (nm):

## Regulatory Compliance

[Compliant](#) RoHS 2015:

[Compliant](#) Reach 219:

[View](#) Certificate of Conformance:

## 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

