

[See all 8 Products in Family](#)

TECHSPEC[®]

5.0mm Diameter, N-BK7 Half-Ball Lens



TECHSPEC[®] N-BK7 Half-Ball Lenses

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

-

1

+

£44⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-10	£44.80 each
Qty 11-49	£40.00 each
Need More?	Request Quote

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 (μm):
2.50	Thickness (mm):
±2.5	Diameter Tolerance (μm):

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

