

TECHSPEC[®] 2.5mm Diameter, N-BK7 Ball Lens



TECHSPEC[®] N-BK7 Ball Lenses

Stock **#43-710** 16 In Stock

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1

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C\$53^{SS}

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Volume Pricing	
Qty 1-10	C\$53.55 each
Qty 11-25	C\$48.30 each
Qty 26-49	C\$45.85 each
Need More?	Request Quote

Product Downloads

General	
Ball Lens	Type:
Physical & Mechanical Properties	
2.50	Diameter (mm):
±2.5	Diameter Tolerance (µm):

Optical Properties	
Refractive Index (n)	1.50
Transmittance (%)	95
Absorbance (A)	0.05
Color	Colorless
Fluorescence	None

Substrate: ☐

Coating:

350 - 2200

1.517

0.625

Regulatory Compliance	
GDPR Compliance: All data processing activities are documented, and data subjects' rights are respected. Regular audits are conducted to ensure compliance with the General Data Protection Regulation (GDPR). ISO 27001 Certification: The organization is certified under the ISO 27001 standard for Information Security Management Systems (ISMS), ensuring robust security controls and risk management.	Annual Security Audits: Conducted by an external audit firm to assess the effectiveness of the ISMS and identify areas for improvement. Incident Response Plan: A comprehensive plan is in place to handle security incidents, including a designated incident response team and a clear escalation process.

RoHS 2015:

Certificate of Conformance:

Compliant

Product Details

- Can be Used as Fiber Coupling Spheres or Collimating Lenses
- Ideal Pre-Forms for Aspheric Lenses
- Available in a Variety of Sizes
- **TECHSPEC® N-BK7 Half-Ball Lenses** Also Available

TECHSPEC® N-BK7 Ball Lenses are glass spheres commonly used in fiber optic applications. Ball lenses are excellent optical components for improving signal coupling between fibers, emitters, and detectors. They are also used in endoscopy, bar code scanning, ball pre-forms for aspheric lenses, and sensor applications. TECHSPEC® N-BK7 Ball Lenses are uncoated and are optimal for wavelengths 350-2200nm. If applications require a more compact design, [TECHSPEC® N-BK7 Half-Ball Lenses](#) are also available.

Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

Compatible Mounts