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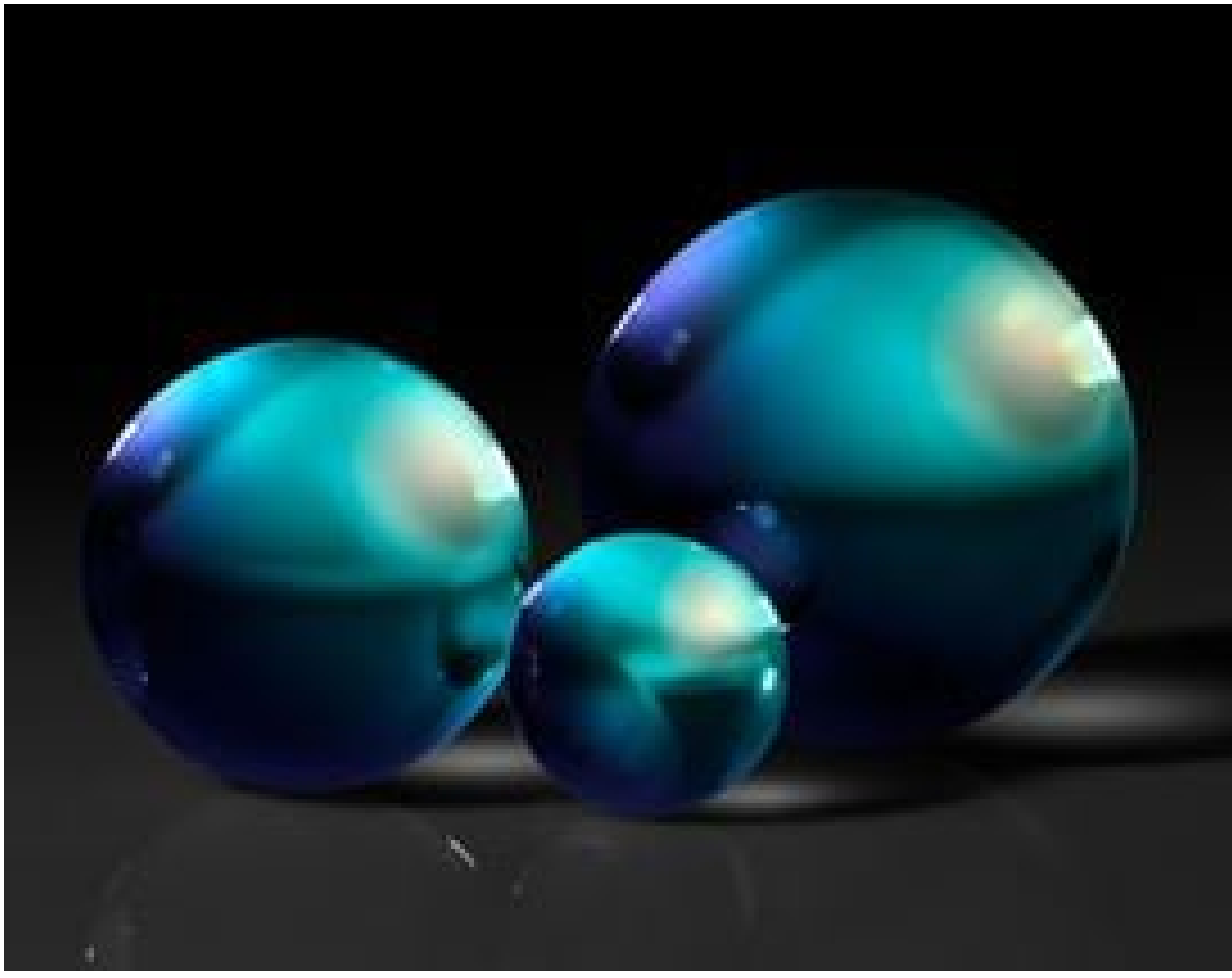
TECHSPEC® 4.0mm Diameter, S-LAH79 Ball Lens



Stock **#48-895** **15 In Stock**

- 1 + **C$126**.00

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Volume Pricing	
Qty 1-10	**C$126.00** each
Qty 11-49	**C$112.00** each
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General

Type:

Ball Lens

Physical & Mechanical Properties

Diameter (mm):

4.00

Diameter Tolerance (µm):

+0/-3

Optical Properties

Substrate: S-LAH79	**Coating:** Uncoated
Wavelength Range (nm): 400 - 2400	**Index of Refraction (n_d):** 2.022
Sphericity (µm): 2.00	

Regulatory Compliance

RoHS 2015: Compliant	**Certificate of Conformance:** View
Reach 247: Compliant	

Need different specs or modifications?

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.

Product Details

- 2.0 Index of Refraction
- High Tolerance
- High Index Half-Ball Lenses Also Available

TECHSPEC® High Index Ball Lenses provide for a shorter back focal length, simplifying fiber coupling, due to the high index of refraction. Ball lenses are manufactured from a single glass substrate and can either focus or collimate light. The LASFN-35 substrate has an Abbe Number of 29.06, density of 5.41g/cm^3, and coefficient of linear expansion of 7.4 microns/°K (-30 to 70°C). TECHSPEC® High Index Ball Lenses are ideal for endoscopy, bar code scanning, ball pre-forms for aspheric lenses, and sensor applications.

Compatible Mounts

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