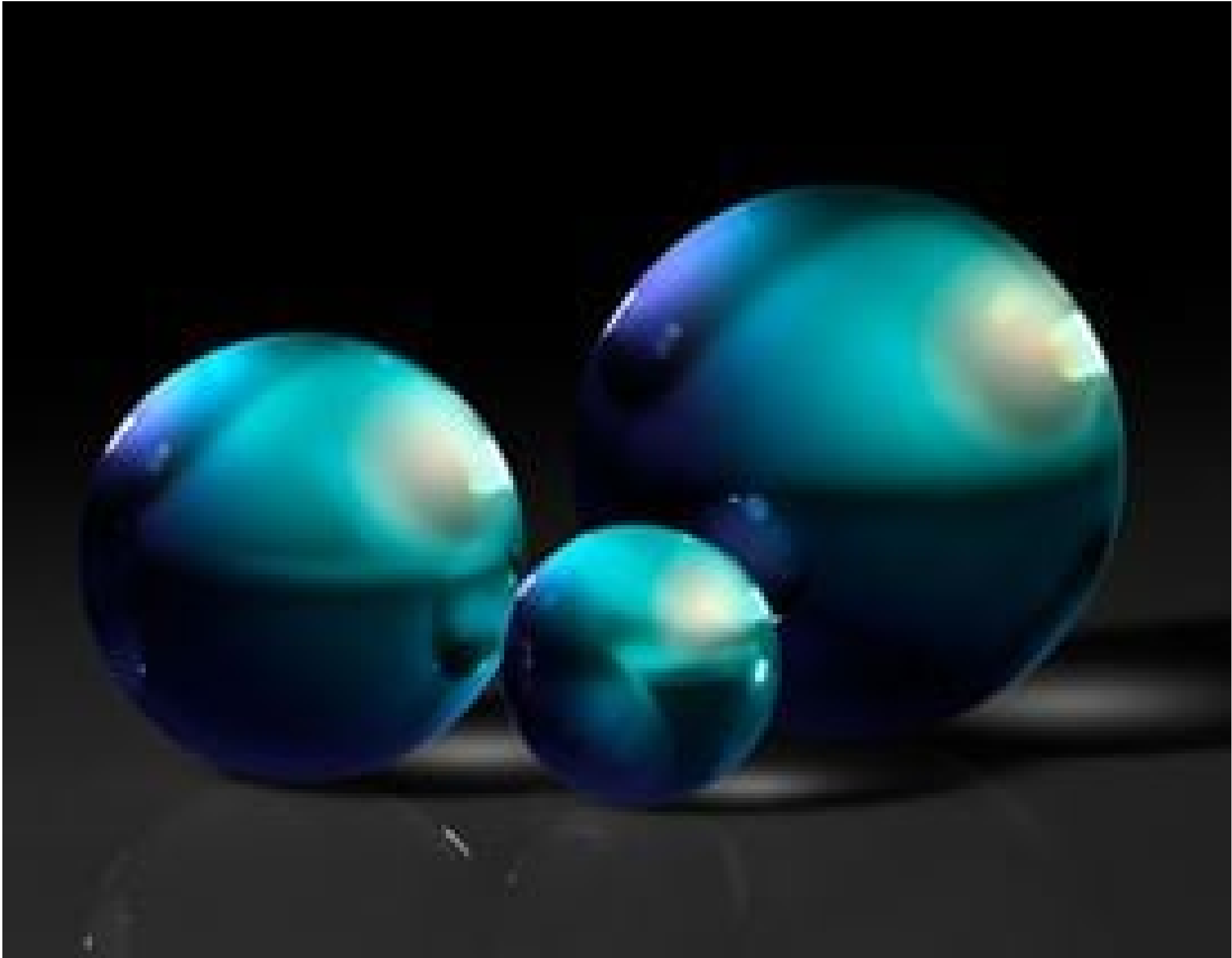


TECHSPEC[®] 4.0mm Diameter, S-LAH79 Ball Lens



Stock #48-895 6 In Stock

-

1

+

₹7,201

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Volume Pricing	
Qty 1-10	₹7,201 each
Qty 11-49	₹6,500 each
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Product Downloads

General	
Ball Lens	Type:
Physical & Mechanical Properties	
4.00	Diameter (mm):
+0/-3	Diameter Tolerance (µm):
Optical Properties	

S-LAH79	Substrate: ☐
Uncoated	Coating:
400 - 2400	Wavelength Range (nm):
2.022	Index of Refraction (n _d):
2.00	Sphericity (μm):
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:
Switzerland	Country of Origin:
Edmund Optics India Private Limited	Imported By:

Product Details

- 2.0 Index of Refraction
- High Tolerance
- [High Index Half-Ball Lenses](#) Also Available

TECHSPEC® High IndexBall 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/cm³, and coefficient of linear expansion of 7.4 microns/°K (-30 to 70°C). TECHSPEC® High IndexBall Lenses are ideal for endoscopy, bar code scanning, ball pre-forms for aspheric lenses, and sensor applications.

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