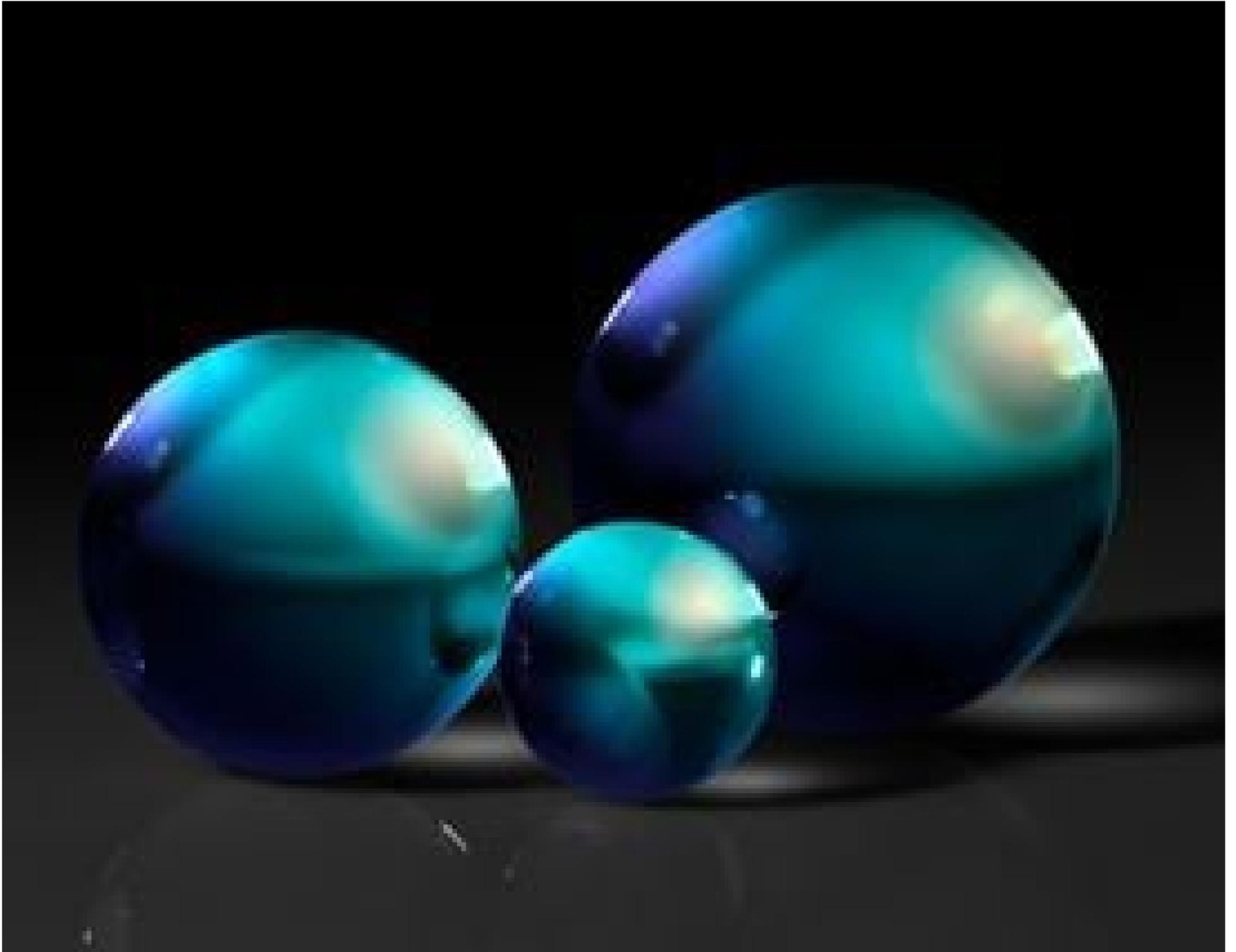


**TECHSPEC® 2.0mm Diameter, LASFN-35 Ball Lens**



Stock #47-129 **20+ In Stock**

⊖ 1 ⊕ ₹7,045

**ADD TO CART**

Volume Pricing	
Qty 1-10	₹7,045 each
Qty 11-49	₹6,345 each
Need More?	<a href="#">Request Quote</a>

Product Downloads

**General**

Ball Lens **Type:**

**Physical & Mechanical Properties**

2.00 **Diameter (mm):**

+0/-3 **Diameter Tolerance (µm):**

**Optical Properties**

LASFN-35	<b>Substrate:</b> □
Uncoated	<b>Coating:</b>
400 - 2400	<b>Wavelength Range (nm):</b>
2.022	<b>Index of Refraction (n<sub>d</sub>):</b>
2.00	<b>Sphericity (μm):</b>
<b>Regulatory Compliance</b>	
<b>Compliant</b>	<b>RoHS 2015:</b>
<b>View</b>	<b>Certificate of Conformance:</b>
<b>Compliant</b>	<b>Reach 247:</b>
Switzerland	<b>Country of Origin:</b>
Edmund Optics India Private Limited	<b>Imported By:</b>

## 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<sup>3</sup>, 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.

## 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