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TECHSPEC® 1.0mm Diameter, LASFN-35 Ball Lens



Stock #47-128 **20+ In Stock**

- 1 + MRP ₹9,080

i Price inclusive of all taxes

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| Volume Pricing | |
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| Qty 1-10 | ₹9,080 each |
| Qty 11-49 | ₹8,071 each |
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Product Downloads

General

Ball Lens Type:

Physical & Mechanical Properties

1.00 Diameter (mm):

+0/-3 Diameter Tolerance (µm):

Optical Properties

LASFN-35

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:

Imported By:

Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

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/cm³, 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