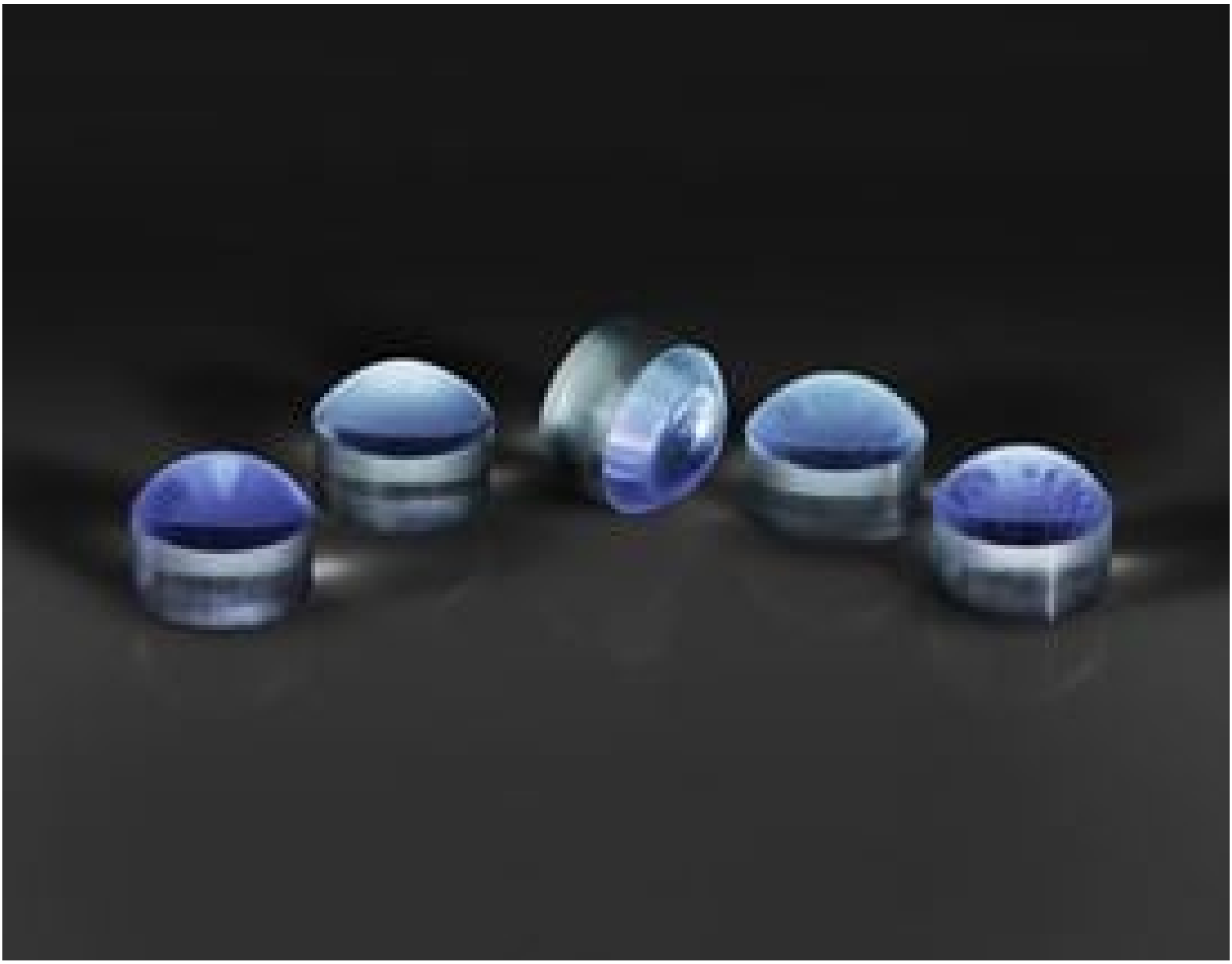
3mm Dia. x 2.99mm FL, Small Diameter Plastic Aspheric Lens



Stock **#15-271** **20+ In Stock**

- 1 + **A$54.40**

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Volume Pricing	
Qty 1-10	**A$54.40** each
Qty 11-49	**A$44.80** each
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SPECIFICATIONS

General

Type:	Aspheric Lens

Physical & Mechanical Properties

Diameter (mm):	3.00 ±0.20
Clear Aperture CA (mm):	3.00
Edge Thickness ET (mm):	2.12
Center Thickness CT (mm):	3.00 ±0.20

Optical Properties

Effective Focal Length EFL (mm):	2.99
Numerical Aperture NA:	0.50
Back Focal Length BFL (mm):	0.97
Substrate:	Acrylic V825
Focal Length Tolerance (%):	±1.5
Aspheric Design Wavelength (nm):	550
Coating:	Uncoated
Surface Quality:	60-40
f/#:	1.00

Regulatory Compliance

RoHS 2015:	Compliant
Reach 224:	Compliant
Certificate of Conformance:	View

PRODUCT DETAILS

- Small Diameter Eases OEM Integration
- High Numerical Apertures
- Ideal for Medical and Diagnostic Instrumentation

Small Diameter Plastic Aspheric Lenses are designed with OEM integration in mind. The small diameters, lightweight materials, and high numerical apertures make these lenses ideal for medical devices, diagnostic instrumentation, or wearable applications. Full prescription data is available to assist in design integration.

Note: For custom coating requirements, please **contact us**.

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