

[See all 8 Products in Family](#)

**TECHSPEC® 25mm Dia x 20mm FL Acylinder Lens, Uncoated**



TECHSPEC Acylinder Lenses

Stock **#86-032** [CONTACT US](#)

⊖ 1 ⊕ **A\$1,502<sup>40</sup>**

**ADD TO CART**

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | <b>A\$1,502.40</b> each       |
| Qty 6-25       | <b>A\$1,196.80</b> each       |
| Qty 26-49      | <b>A\$1,100.80</b> each       |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

**General**

Acylinder Lens

Type:

**Physical & Mechanical Properties**

25.00 +0.0/-0.1

Diameter (mm):

9.00

Center Thickness CT (mm):

Center Thickness Tolerance (mm):

±0.1

Clear Aperture (%):

90.00

Edge Thickness ET (mm):

2.6

## Optical Properties

Effective Focal Length EFL (mm):

20.00

Substrate:

N-SF5

f/#:

0.8

Numerical Aperture NA:

0.63

Coating:

Uncoated

Wavelength Range (nm):

380 - 2500

Back Focal Length BFL (mm):

14.6

Focal Length Specification Wavelength (nm):

587.6

Surface Accuracy, RMS (µm):

1.0

Surface Quality:

60-40

## Regulatory Compliance

RoHS 2015:

Compliant

Reach 219:

Compliant

Certificate of Conformance:

[View](#)

## Product Details

- Diffraction Limited Design
- Ideal for Creating Thin Line Profiles of Monochromatic Light Sources
- Focus Light in Single Dimension

TECHSPEC® Acylinder Lenses are similar to aspheric lenses in that they provide diffraction-limited focusing performance in only one dimension. By reducing spherical aberration along the focusing axis, TECHSPEC® Acylinder Lenses are ideal for creating thin line profiles. Compared to standard cylinder lenses, TECHSPEC® Acylinder Lenses also dramatically reduce the spot size of monochromatic light sources to provide sharp, thin lines.

**LASER OPTICS** MADE BY EDMUND OPTICS®

[LEARN MORE](#)

## Technical Information

