

TECHSPEC[®] 25mm Dia x 20mm FL Acylinder Lens, MgF₂ Coated



TECHSPEC Acylinder Lenses

Stock **#86-036** [CONTACT US](#)

-

1

+

A\$1,555²⁰

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Volume Pricing	
Qty 1-5	A\$1,555.20 each
Qty 6-25	A\$1,240.00 each
Qty 26-49	A\$1,144.00 each
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Product Downloads

General

Type:
Acylinder Lens

Physical & Mechanical Properties

Diameter (mm):
25.00 +0.0/-0.1

Center Thickness CT (mm):
9.00

±0.1	Center Thickness Tolerance (mm):
90.00	Clear Aperture (%):
2.6	Edge Thickness ET (mm):
Optical Properties	
20.00	Effective Focal Length EFL (mm):
N-SF5	Substrate: □
0.8	f/#:
0.63	Numerical Aperture NA:
MgF ₂ (400-700nm)	Coating:
400 - 700	Wavelength Range (nm):
14.6	Back Focal Length BFL (mm):
R _{avg} ≤1.75% @400 - 700nm	Coating Specification:
587.6	Focal Length Specification Wavelength (nm):
1.0	Surface Accuracy, RMS (μm):
60-40	Surface Quality:

Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 235:

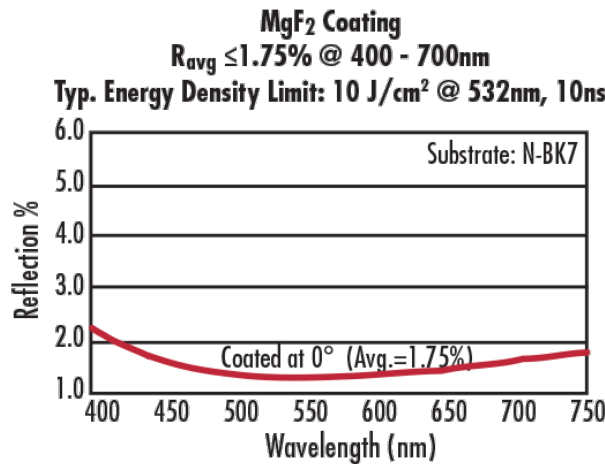
Product Details

- 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.



Technical Information



Coating Curves

