

TECHSPEC[®] 12.5mm Dia x 12.5mm FL Acylinder Lens, MgF₂ Coated



TECHSPEC Acylinder Lenses

Stock **#86-035** **3 In Stock**

-

1

+

S\$994⁰⁰

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Volume Pricing	
Qty 1-5	S\$994.00 each
Qty 6-25	S\$795.20 each
Qty 26-49	S\$733.60 each
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General

Acylinder Lens

Type:

Physical & Mechanical Properties

12.50 +0.0/-0.1

Diameter (mm):

5.50

Center Thickness CT (mm):

±0.1	Center Thickness Tolerance (mm):
90.00	Clear Aperture (%):
3.0	Edge Thickness ET (mm):
Optical Properties	
12.50	Effective Focal Length EFL (mm):
N-SF5	Substrate: □
1.00	f/#:
0.50	Numerical Aperture NA:
MgF ₂ (400-700nm)	Coating:
400 - 700	Wavelength Range (nm):
9.2	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.

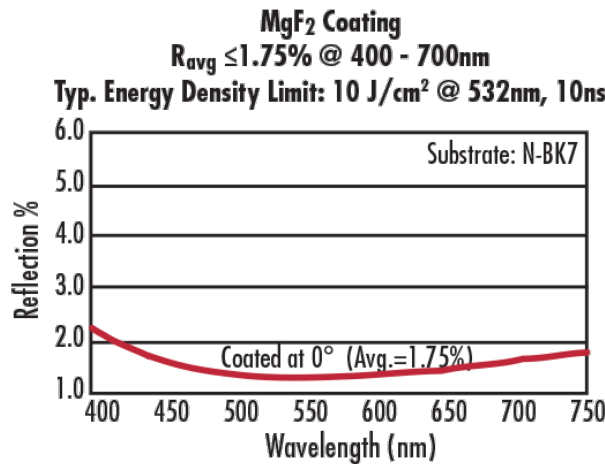
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Technical Information



Coating Curves

