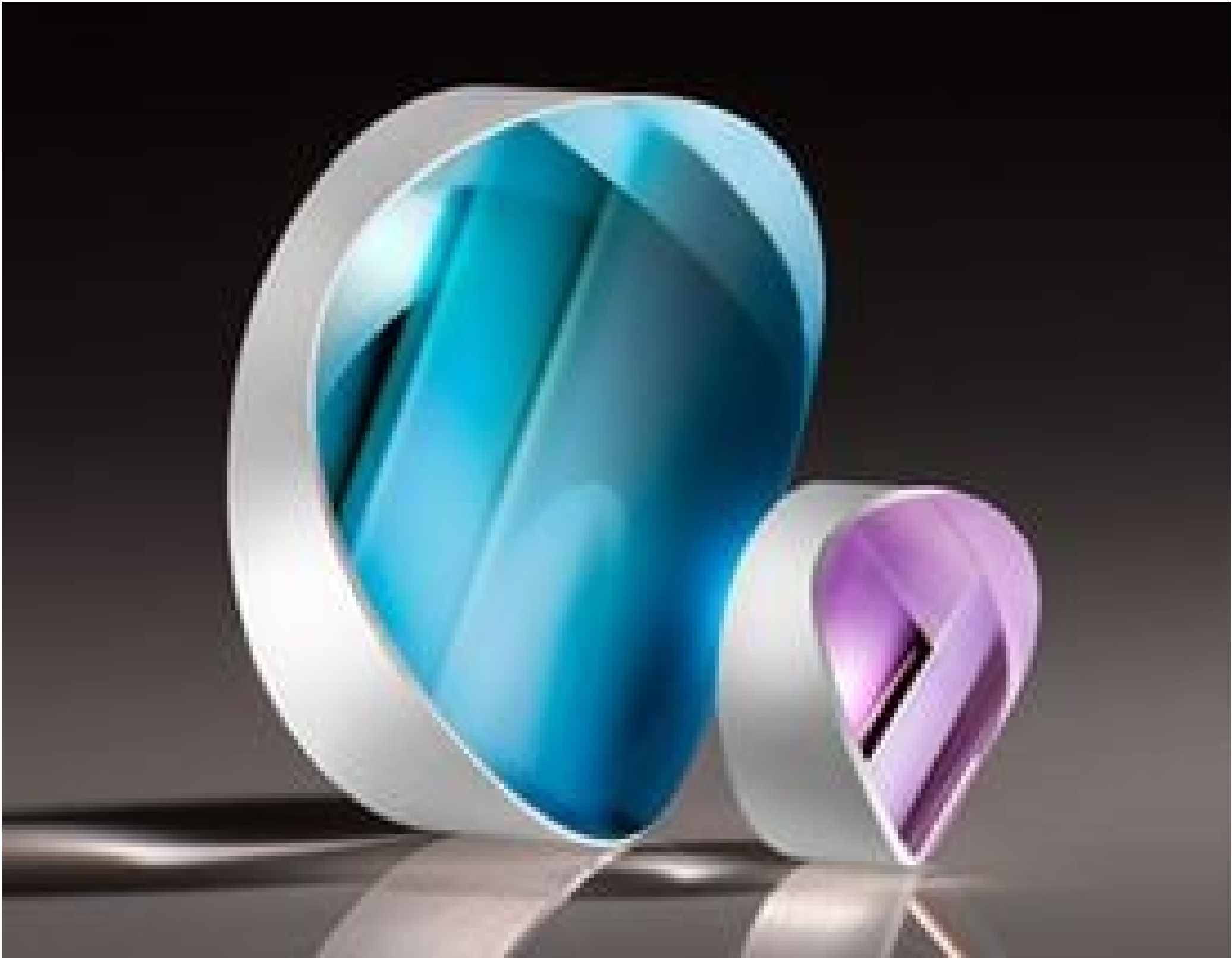


TECHSPEC[®] 12.5mm Dia x 10mm FL Acylinder Lens, MgF₂ Coated



TECHSPEC Acylinder Lenses

Stock **#86-034** **3 In Stock**

-

1

+

A\$1,136⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	A\$1,136.00 each
Qty 6-25	A\$908.80 each
Qty 26-49	A\$838.40 each
Need More?	Request Quote

Product Downloads

SPECIFICATIONS

General

Acylinder Lens

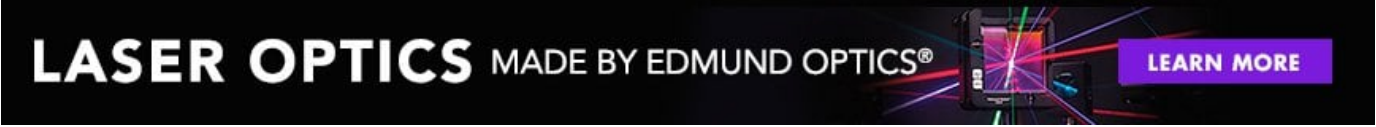
Type:

Physical & Mechanical Properties

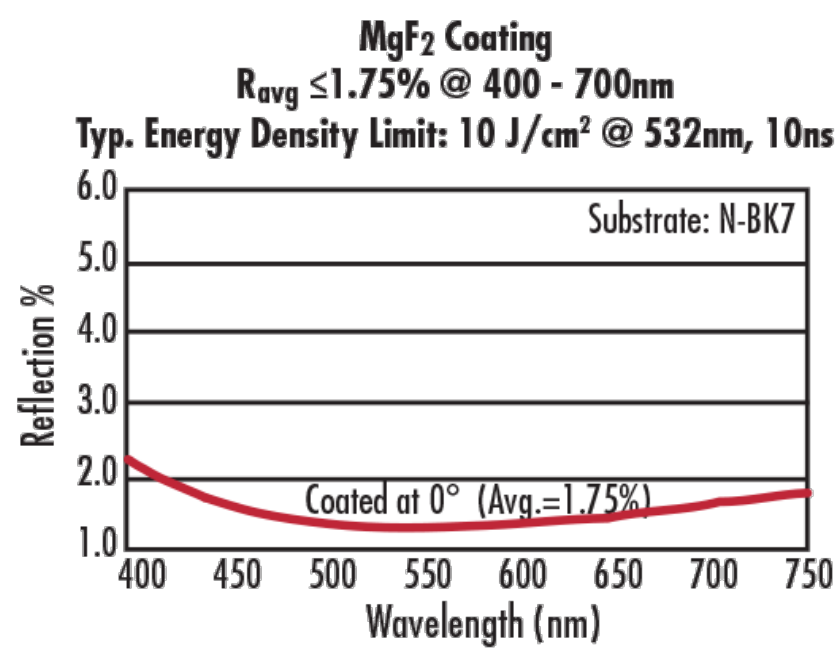
12.50 +0.0/-0.1	Diameter (mm):
6.00	Center Thickness CT (mm):
±0.1	Center Thickness Tolerance (mm):
90.00	Clear Aperture (%):
2.8	Edge Thickness ET (mm):
Optical Properties	
10.00	Effective Focal Length EFL (mm):
N-SF5	Substrate:
0.8	f#:
0.63	Numerical Aperture NA:
MgF ₂ (400-700nm)	Coating:
400 - 700	Wavelength Range (nm):
6.4	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