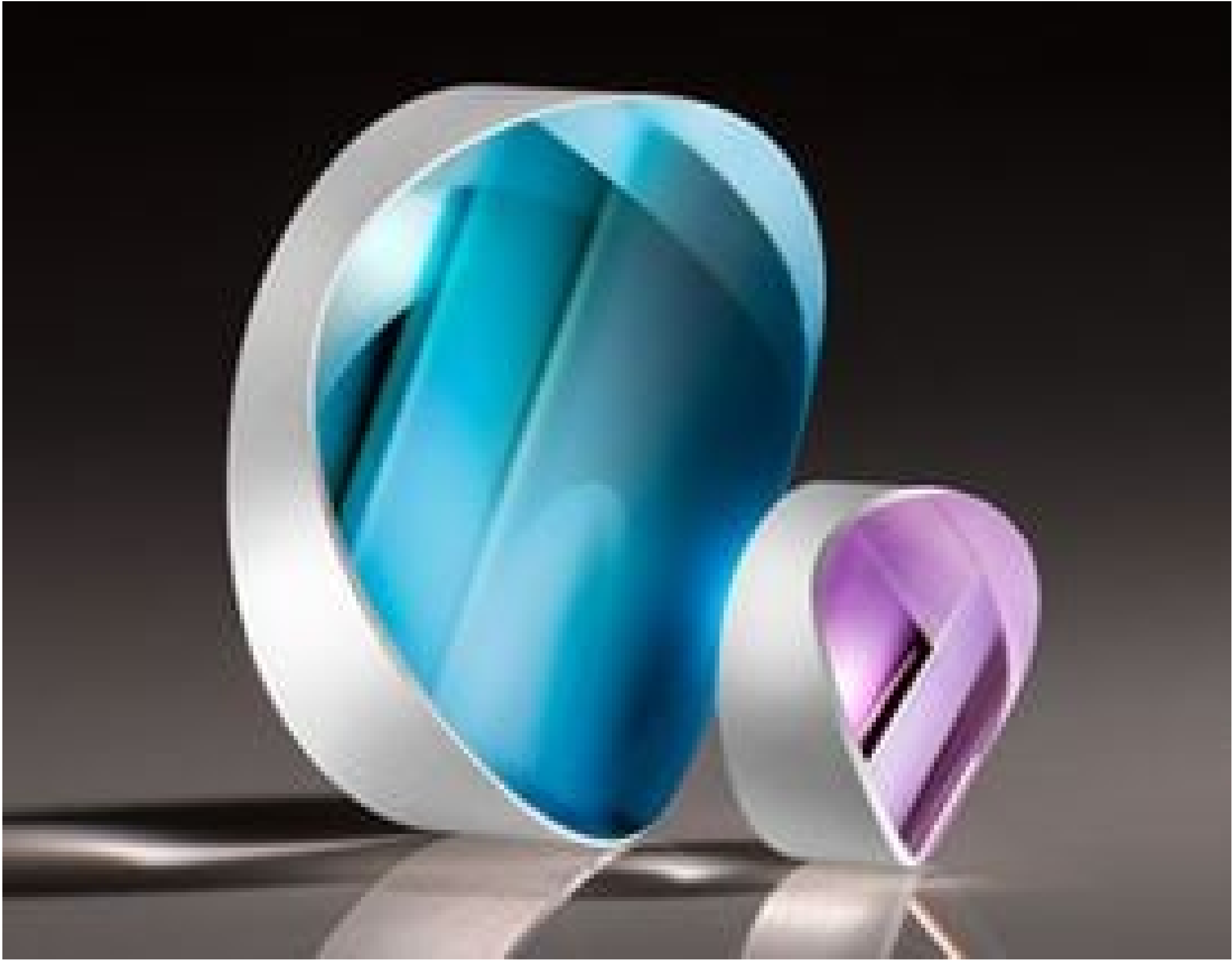


TECHSPEC[®] 12.5mm Dia x 12.5mm FL Acylinder Lens, MgF₂ Coated



TECHSPEC Acylinder Lenses

Stock #86-035 3 In Stock

-

1

+

€710^{.00}

ADD TO CART

Volume Pricing	
Qty 1-5	€710,00 each
Qty 6-25	€568,00 each
Qty 26-49	€524,00 each
Need More?	Request Quote

 Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:
Acylinder Lens

Physical & Mechanical Properties

Diameter (mm):
12.50 +0.0/-0.1

Center Thickness CT (mm):

5.50	
±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

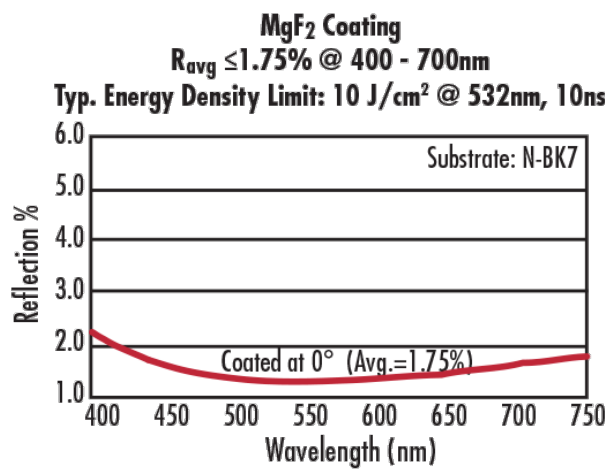
• Ideal for Creating Thin Line Profiles of Monochromatic Light Sources

• 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.



Technical Information



Coating Curves

