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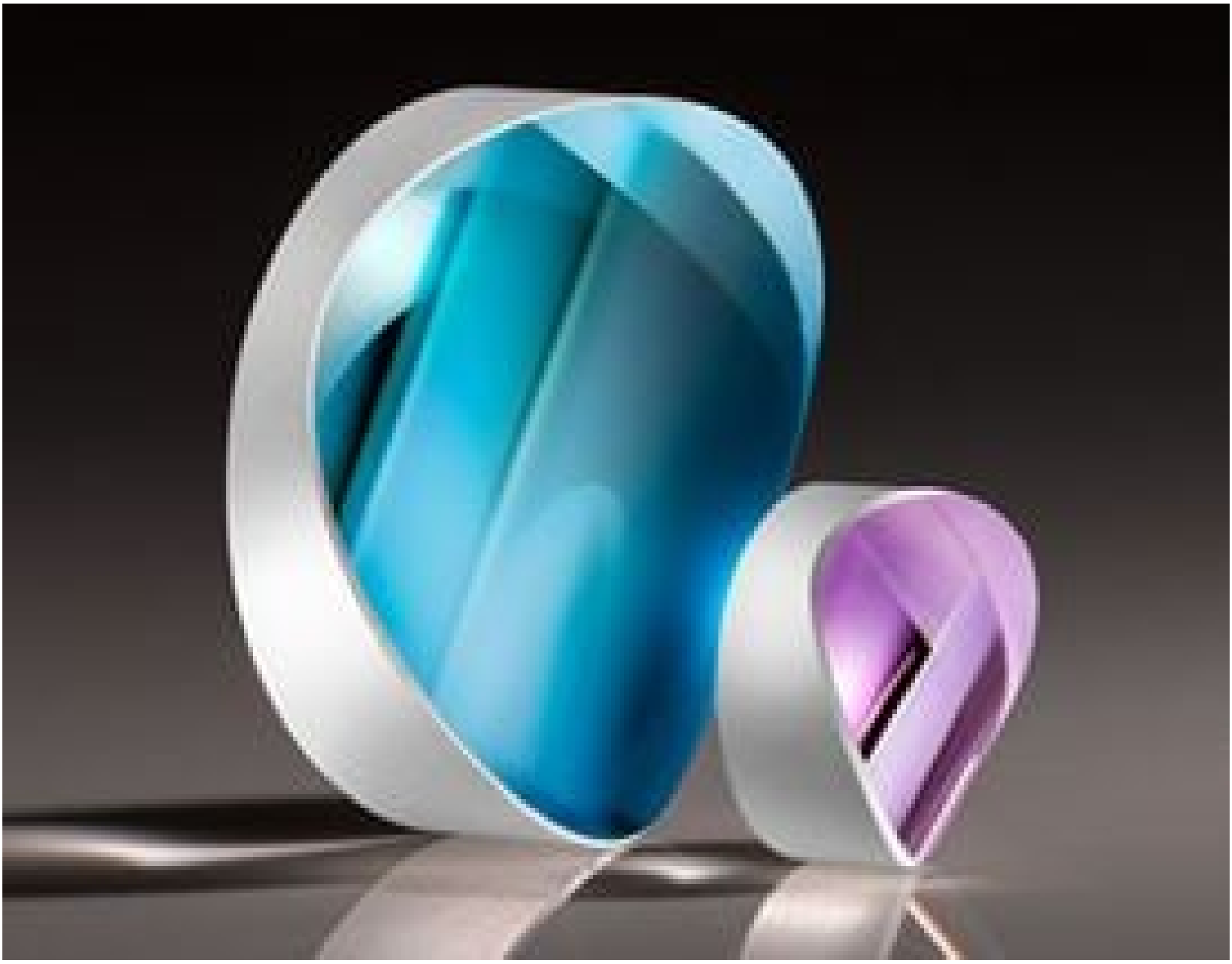
TECHSPEC 12.5mm Dia x 10mm FL Acylinder Lens, MgF_2 Coated



TECHSPEC Acylinder Lenses

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

- 1 + **MRP ₹71,632**

Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1-5	**₹71,632** each
Qty 6-25	**₹57,306** each
Qty 26-49	**₹52,866** each
Need More?	Request Quote

Product Downloads

General

Type:

Acylinder Lens

Physical & Mechanical Properties

Diameter (mm):

12.50 +0.0/-0.1

Center Thickness CT (mm):

6.00

Center Thickness Tolerance (mm):
±0.1

Clear Aperture (%):
90.00

Edge Thickness ET (mm):
2.8

Optical Properties

Effective Focal Length EFL (mm):
10.00

Substrate:
N-SF5

f/#:
0.8

Numerical Aperture NA:
0.63

Coating:
MgF_2 (400-700nm)

Wavelength Range (nm):
400 - 700

Back Focal Length BFL (mm):
6.4

Coating Specification:
$R_{avg} \leq 1.75\%$ @ 400 - 700nm

Focal Length Specification Wavelength (nm):
587.6

Surface Accuracy, RMS (µm):
1.0

Surface Quality:
60-40

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 235:
Compliant

Country of Origin:
United States

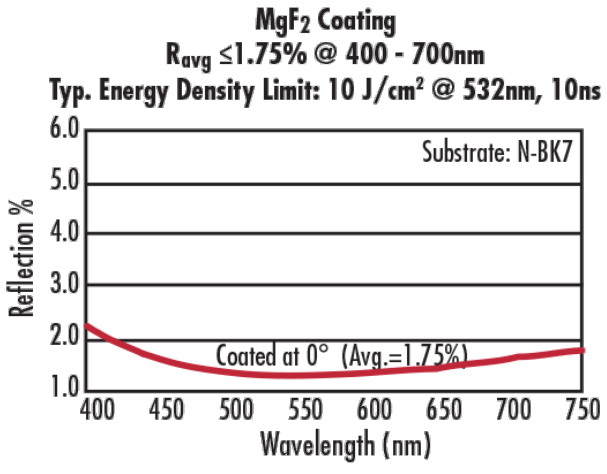
Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

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

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