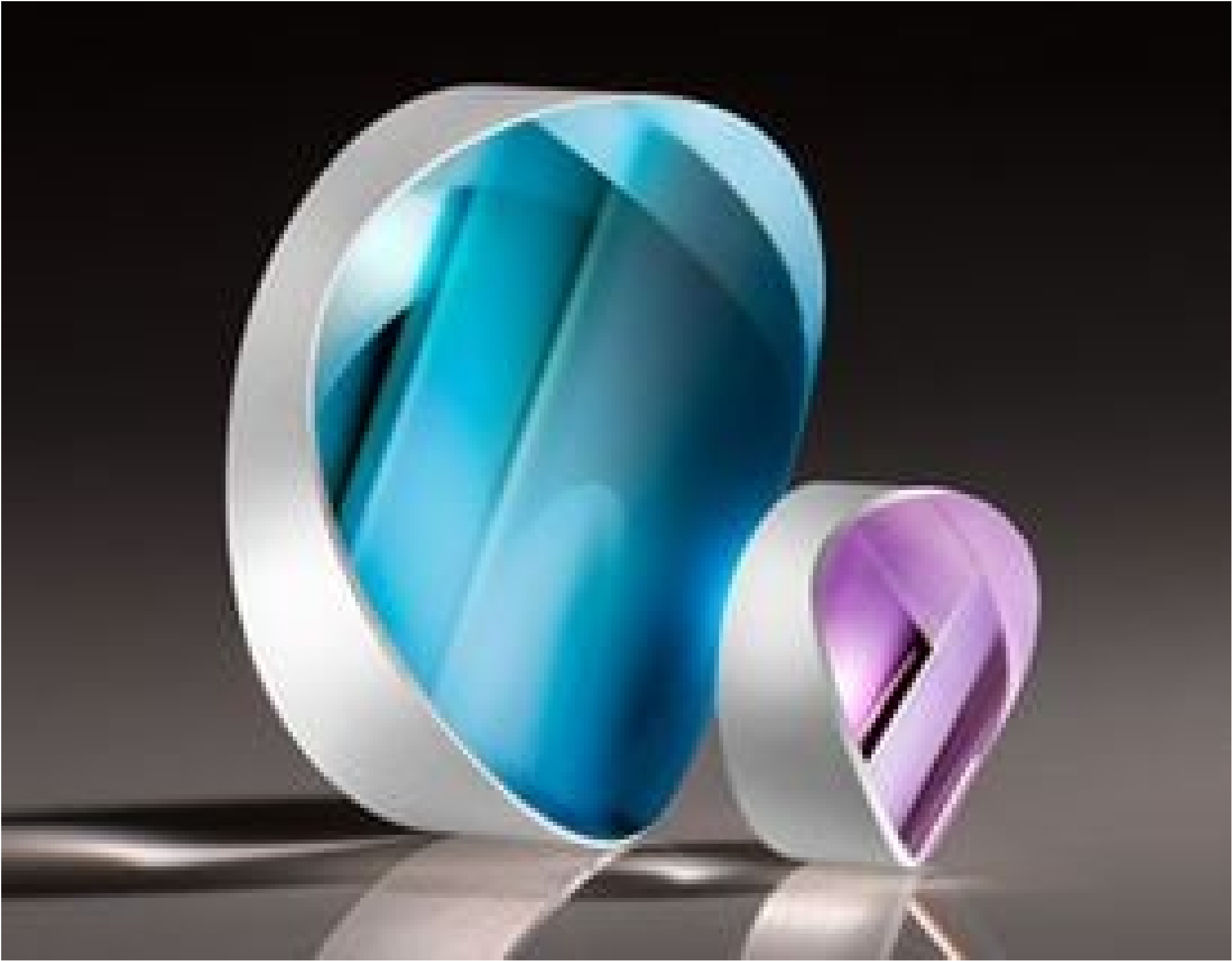


TECHSPEC<sup>®</sup> 12.5mm Dia x 10mm FL Acylinder Lens, MgF<sub>2</sub> Coated



TECHSPEC Acylinder Lenses

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

-

1

+

C\$994<sup>00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | C\$994.00 each                |
| Qty 6-25       | C\$795.20 each                |
| Qty 26-49      | C\$733.60 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

| 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: <input type="checkbox"/>         |
| 0.8                                  | f/#:                                        |
| 0.63                                 | Numerical Aperture NA:                      |
| MgF <sub>2</sub> (400-700nm)         | Coating:                                    |
| 400 - 700                            | Wavelength Range (nm):                      |
| 6.4                                  | Back Focal Length BFL (mm):                 |
| R <sub>avg</sub> ≤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:                  |

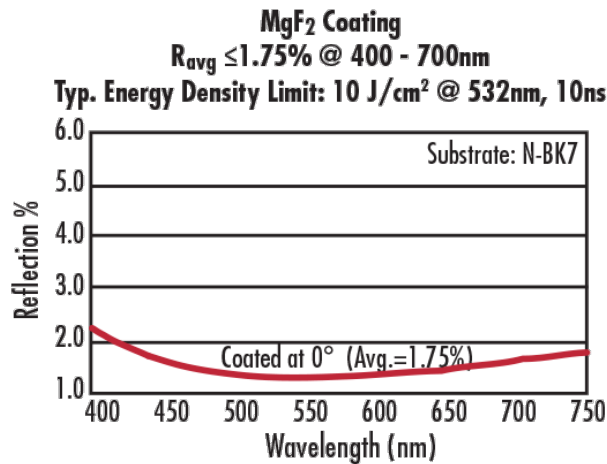
Product Details

- 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

