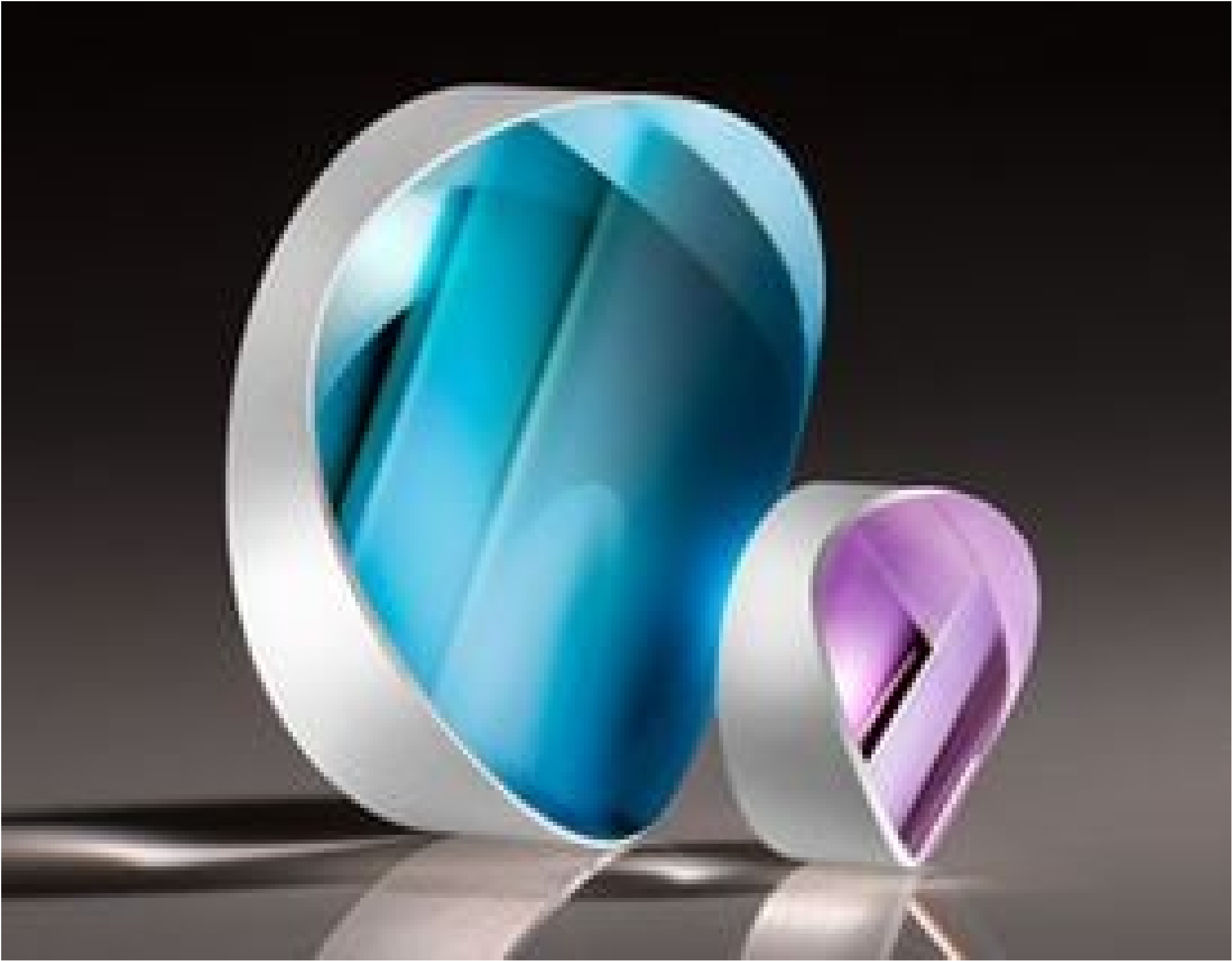


TECHSPEC<sup>®</sup> 12.5mm Dia x 12.5mm FL Acylinder Lens, MgF<sub>2</sub> Coated



TECHSPEC Acylinder Lenses

Stock #86-035 3 In Stock

-

1

+

£568<sup>00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | £568.00 each                  |
| Qty 6-25       | £454.40 each                  |
| Qty 26-49      | £419.20 each                  |
| Need More?     | <a href="#">Request Quote</a> |

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: <input type="text"/>             |
| 1.00                                 | f/#:                                        |
| 0.50                                 | Numerical Aperture NA:                      |
| MgF <sub>2</sub> (400-700nm)         | Coating:                                    |
| 400 - 700                            | Wavelength Range (nm):                      |
| 9.2                                  | 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:                            |

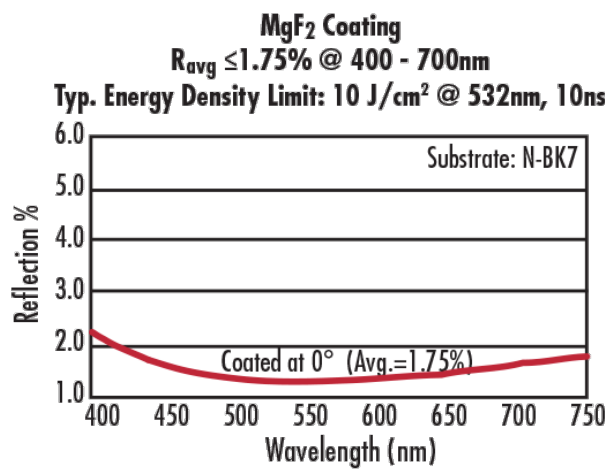
|                       |                             |
|-----------------------|-----------------------------|
| Regulatory Compliance |                             |
| Compliant             | RoHS 2015:                  |
| View                  | Certificate of Conformance: |
| Compliant             | 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

