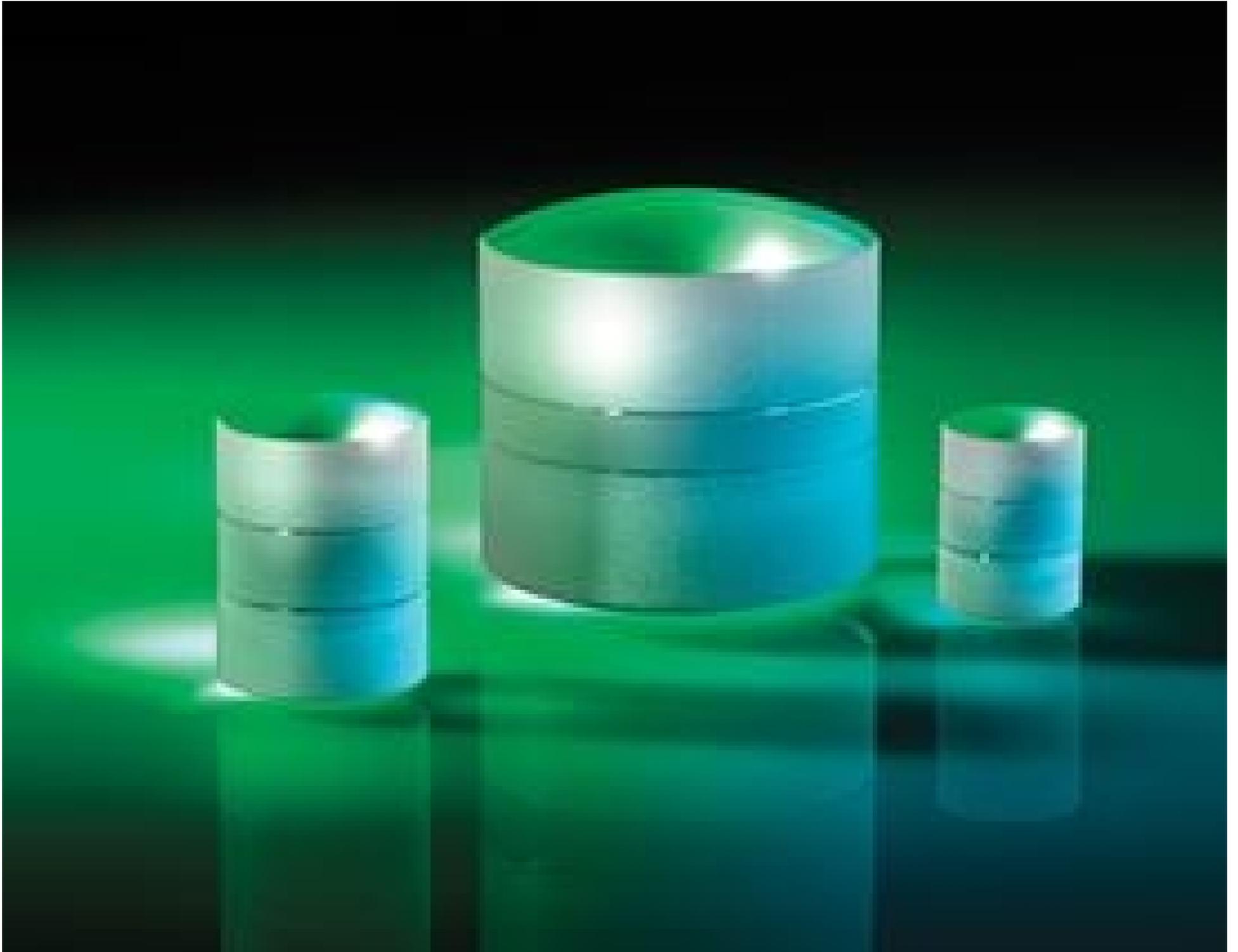


**TECHSPEC® 6.25mm Dia x 12.5mm EFL Steinheil Triplet Achromatic Lens**



Stock **#47-673** **20+ In Stock**

⊖ 1 ⊕ £99<sup>00</sup>

**ADD TO CART**

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | £99.20 each                   |
| Qty 6-25       | £79.20 each                   |
| Qty 26-49      | £74.80 each                   |
| Need More?     | <a href="#">Request Quote</a> |

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Achromatic Triplet Lens **Type:**

**Physical & Mechanical Properties**

6.25 +0.0/-0.025 **Diameter (mm):**

<3 **Centering (arcmin):**

|                      |                             |
|----------------------|-----------------------------|
| 9.00                 | Center Thickness CT (mm):   |
| 5.00                 | Center Thickness A (mm):    |
| 2.00                 | Center Thickness B (mm):    |
| -7.81                | Radius R <sub>4</sub> (mm): |
| 7.70                 | Edge Thickness ET (mm):     |
| Protective as needed | Bevel:                      |

## Optical Properties

|   |   |
|---|---|
| 12.50                                       | Effective Focal Length EFL (mm):            |
| ±1  | Focal Length Tolerance (%):                 |
| 8.94  | Back Focal Length BFL (mm):                 |
| 587.6                                       | Focal Length Specification Wavelength (nm): |
| 7.81  | Radius R <sub>1</sub> (mm):                 |
| 4.09  | Radius R <sub>2</sub> (mm):                 |
| -4.09                                       | Radius R <sub>3</sub> (mm):                 |
| <a href="#">N-BASF64 / N-BK7 / N-BASF64</a> | Substrate: <input type="checkbox"/>         |
| 40-20                                       | Surface Quality:                            |
| 2.00  | f#:   |
| 0.25  | Numerical Aperture NA:                      |
| MgF <sub>2</sub> (400-700nm)                | Coating:                                    |
| R <sub>avg</sub> ≤ 1.75% @ 400 - 700nm      | Coating Specification:                      |
| 1.5λ  | Power (P-V) @ 632.8nm:                      |
| λ/4   | Irregularity (P-V) @ 632.8nm:               |
| 400 - 700                                   | Wavelength Range (nm):                      |

## Regulatory Compliance

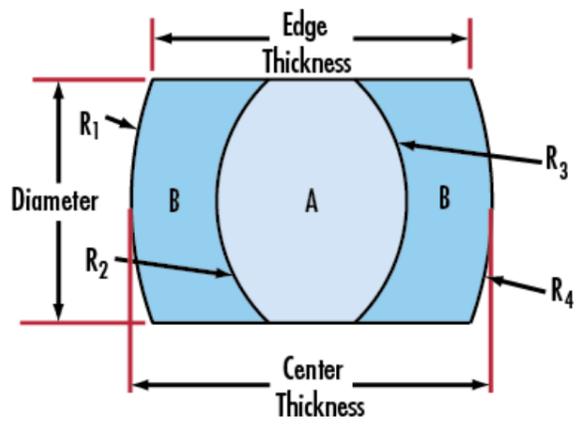
|                           |                             |
|---------------------------|-----------------------------|
| <a href="#">Compliant</a> | RoHS 2015:                  |
| <a href="#">Compliant</a> | Reach 219:                  |
| <a href="#">View</a>      | Certificate of Conformance: |

## Product Details

- Designed for 1:1 Conjugate Ratios
- Ideal for Relay Systems
- [Hastings Triplet Achromatic Lenses](#) Also Available

TECHSPEC® Steinheil Triplet Achromatic Lenses are designed for 1:1 conjugate ratios and utilize symmetry to correct for aberrations. Steinheils are made from a low index center element cemented between two identical high index outer elements. Each lens is edged down to f-numbers with reasonable aberration correction at increased fields. TECHSPEC® Steinheil Triplet Achromatic Lenses feature small diameters that allow for mounting in smaller spaces compared to traditional Steinheil lens designs. Steinheil Triplets are ideal for use in relay systems.

## Technical Information



## Coating Curves

### Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

## Compatible Mounts

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