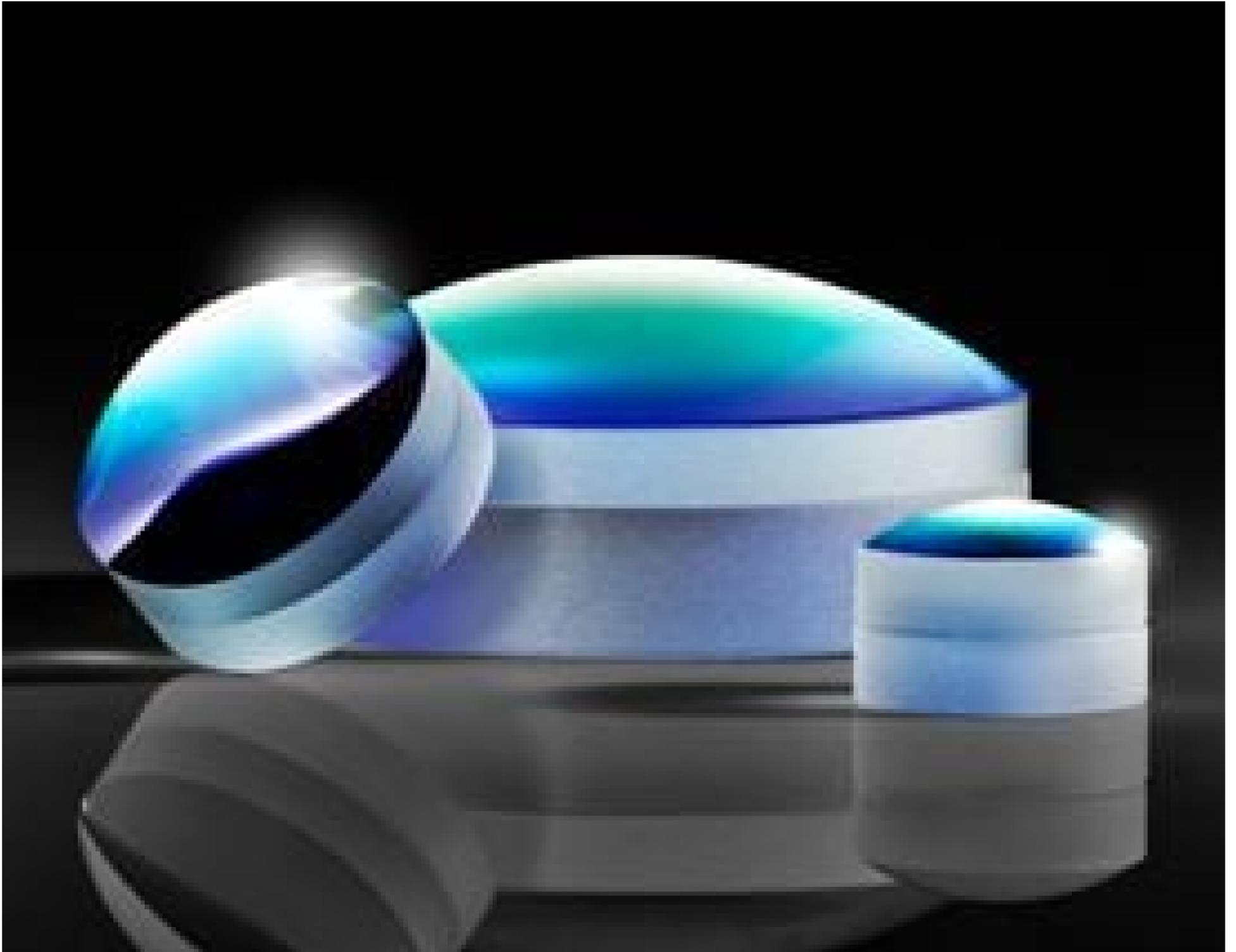
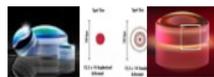


**TECHSPEC® 25mm Diameter x 30mm EFL Aspherized Achromatic Lens**



Aspherized Achromatic Lenses



Stock **#49-662** **20+ In Stock**

⊖ 1 ⊕ ₹10,354

**ADD TO CART**

Volume Pricing	
Qty 1-5	₹10,354 each
Qty 6-25	₹8,252 each
Qty 26-49	₹7,590 each
Need More?	<a href="#">Request Quote</a>

Product Downloads

**SPECIFICATIONS**

**General**

Note:

MS 0° Coating on First Surface, Second Surface is Aspheric Polymer

Achromatic Lens **Type:**

## Physical & Mechanical Properties

25.00 +0.00/-0.05 **Diameter (mm):**

22.00 **Clear Aperture CA (mm):**

≤5 **Centering (arcmin):**

11.58 **Center Thickness CT (mm):**

9.00 **Center Thickness CT 1 (mm):**

2.58 **Center Thickness CT 2 (mm):**

7.11 **Edge Thickness ET (mm):**

## Optical Properties

30.00 **Effective Focal Length EFL (mm):**

23.21 **Back Focal Length BFL (mm):**

587.6 **Focal Length Specification Wavelength (nm):**

20.00 **Radius R<sub>1</sub> (mm):**

34.80 **Radius R<sub>2</sub> (mm):**

202.14 **Radius R<sub>3</sub> (mm):**

**Substrate:**   
[N-LAK14 / N-SF57](#)

60-40, glass surfaces only **Surface Quality:**

1.2 **f#:**

0.42 **Numerical Aperture NA:**

MS 0° (425-675nm) **Coating:**

R<sub>avg</sub> ≤ 0.4% @ 425 - 675nm **Coating Specification:**

425 - 675 **Wavelength Range (nm):**

## Environmental & Durability Factors

-20°C to 80°C **Operating Temperature (°C):**

## Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[Compliant](#) **Reach 219:**

[View](#) **Certificate of Conformance:**

## PRODUCT DETAILS

- Unique Innovative Design, Low Cost, Color-Corrected Asphere
- Better Color Correction than Standard Achromatic Lenses
- Similar Spherical Aberration Correction to Machined Aspheres
- Prescription Information Available

TECHSPEC® Aspherized Achromats bridge the gap between color-corrected achromats and spherical aberration-corrected aspheres. This unique design results in a cost-effective, color-corrected aspheric component. The doublet lenses consist of two cemented elements matched for their color-correction ability and small RMS spot size. The second surface of the doublet is fused with a molded polymer aspheric surface. These molds create a stable aspheric contour, removing or reducing wavefront errors present in typical achromats while boosting numerical aperture. TECHSPEC Aspherized Achromats' typical applications include fiber optic focusing or collimation, image relay, inspection, scanning, and high numerical aperture imaging.

These lenses were honored with the PhAST/Laser Focus World Innovation Award for Optics and Optical Components.

