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**TECHSPEC® 25mm Diameter x 50mm FL, NIR Coated, K22R Plastic Aspheric Lens**



TECHSPEC® Plastic Aspheric Lenses

Stock **#21-221** **20+ In Stock**

[Other Coating Options](#)

⊖ 1 ⊕ **\$\$102<sup>20</sup>**

**ADD TO CART**

Volume Pricing	
Qty 1-24	<b>\$\$102.20</b> each
Qty 25-99	<b>\$\$72.80</b> each
Qty 100-249	<b>\$\$53.20</b> each
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**General**

Aspheric Lens **Type:**

**Physical & Mechanical Properties**

25.00 ± 0.15 **Diameter (mm):**

**Centering (arcmin):**

≤5 (by design)

21.5 Clear Aperture CA (mm):

1.20 Edge Thickness ET (mm):

4.20 ± 0.20 Center Thickness CT (mm):

Protective as needed Bevel:

Convex Shape of Back Surface:

## Optical Properties

50.00 @ 587.6nm Effective Focal Length EFL (mm):

0.25 Numerical Aperture NA:

47.41 Back Focal Length BFL (mm):

Zeonex K22R Substrate: □

587.6 Aspheric Design Wavelength (nm):

BBAR (600-1000nm) Coating:

R<sub>avg</sub> < 0.7% @ 600 - 1000nm Coating Specification:

80-50 Surface Quality:

2.00 f#:

412.0 Radius R<sub>2</sub> (mm):

600 - 1000 Wavelength Range (nm):

Infinite Conjugate Distance:

587.60 Focal Length Specification Wavelength (nm):

## Environmental & Durability Factors

-30 to 70 Operating Temperature (°C):

## Regulatory Compliance

Compliant RoHS 2015:

View Certificate of Conformance:

Compliant Reach 250:

## Product Details

- Full Prescription Data Available
- Standard 25mm Diameter for Easy System Integration
- High Numerical Aperture Designs for Superior Light Collection

TECHSPEC® Plastic Aspheric Lenses offer a lightweight alternative to glass spherical or aspherical lenses. Designed with a standard 25mm diameter, these lenses can be easily integrated into most systems and applications using standard mounting hardware. The plastic substrate provides exceptional value while still maintaining excellent performance and a high numerical aperture. TECHSPEC® Plastic Aspheric Lenses feature low haze, low autofluorescence, and excellent coating adhesion, making these lenses ideal for OEM and research applications alike. For alternate designs or custom coating requirements, please contact our [Sales Department](#).

## Technical Information



