

**TECHSPEC®**

# 25mm Diameter x 30mm FL, VIS Coated, K22R Plastic Aspheric Lens



TECHSPEC® Plastic Aspheric Lenses

 Stock #21-213 **20+ In Stock** [Other Coating Options](#)

- 1 +

 £58<sup>.40</sup>
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Volume Pricing	
Qty 1-24	£58.40 each
Qty 25-99	£41.60 each
Qty 100-249	£30.40 each
Need More?	<a href="#">Request Quote</a>

Prices shown are exclusive of VAT/local taxes

Product Downloads	
STEP:step	Curve:pdf
PDF Drawing:pdf	IGES:igs
Zemax:zar	Zemax:zmx
eDrawing:eprt	Code V:seq
EO Spec Sheet	<a href="#">Download All</a>

## General

**Type:** Aspheric Lens

## Physical & Mechanical Properties

**Diameter (mm):** 25.00 ±0.15

**Centering (arcmin):** <5 (by design)

**Clear Aperture CA (mm):** 21.5

**Edge Thickness ET (mm):** 1.39

**Center Thickness CT (mm):** 6.54 ± 0.20

**Bevel:** Protective as needed

**Shape of Back Surface:** Convex

## Optical Properties

**Effective Focal Length EFL (mm):** 30.00 @ 587.6nm

**Numerical Aperture NA:** 0.42

**Back Focal Length BFL (mm):** 26.04

**Substrate:** Zeonex K22R

**Aspheric Design Wavelength (nm):** 587.6

**Coating:** BBAR (425-675nm)

**Coating Specification:** R<sub>avg</sub> <0.7% @ 425 - 675nm

**Surface Quality:** 80-50

<b>f/#:</b>	1.2	<b>Radius R<sub>2</sub> (mm):</b>	188
<b>Wavelength Range (nm):</b>	425 - 675	<b>Conjugate Distance:</b>	Infinite
<b>Focal Length Specification Wavelength (nm):</b>	587.60		

### Environmental & Durability Factors

<b>Operating Temperature (°C):</b>	-30 to 70
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### Regulatory Compliance

<b>RoHS 2015:</b>	<b>Compliant</b>	<b>Certificate of Conformance:</b>	<a href="#">View</a>
<b>Reach 250:</b>	<b>Compliant</b>		

## 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

### Related Products



Plastic Molded



Optical Cleaning



Optical Lens and Filter Mounts



Ball and Condenser Lenses

### Frequently Purchased Together



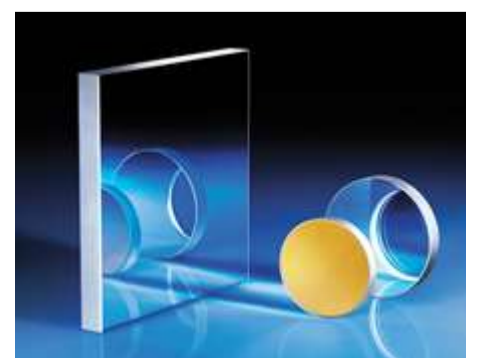
#47-708 - 18mm Dia. x 50mm FL, VIS 0° Coated, Achromatic Lens



#21-211 - 25mm Diameter x 20mm FL, VIS Coated, K22R Plastic Aspheric Lens



#67-422 - 25 x 50mm EFL Steinheil Triplet Achromatic Lens

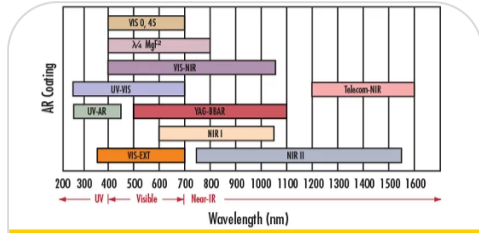


#36-043 - 25.4mm Dia Protected Silver, 4-6λ Mirror

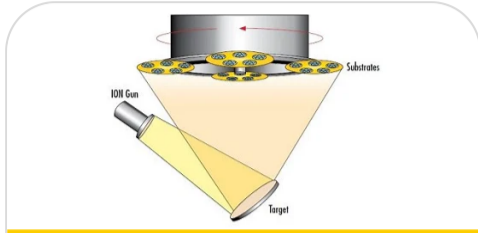
# Resources

## Media Type

- Application Note
- Scientific Paper
- Trending in Optics
- Video
- Published Article
- FAQ
- Glossary



**APPLICATION NOTE**  
**Anti-Reflection (AR) Coatings**



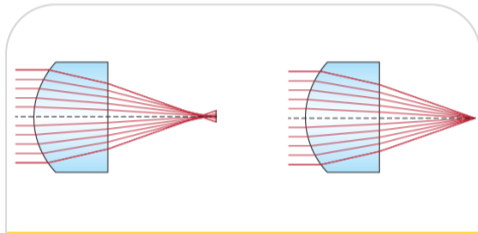
**APPLICATION NOTE**  
**An Introduction to Optical Coatings**



**CASE STUDIES**  
**Laser Optics for Eye Surgery**



**APPLICATION NOTE**  
**Lens Geometry Performance Comparison**



**APPLICATION NOTE**  
**All About Aspheric Lenses**



**WEBINARS**  
**Design Considerations for Custom Aspheres**

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