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**TECHSPEC®**

# 25mm Dia., 0.40 Numerical Aperture, 350-700nm Coated, Inked, High Precision Aspheric Lens



Stock #16-959-INK [CONTACT US](#) [Other Coating Options](#)

1 £327<sup>.20</sup>

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**Product Downloads**

- STEP:step
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- PDF Drawing:pdf
- IGES:igs
- Curve (xlsx)
- Zemax:zar
- eDrawing:eprt
- Code V:seq
- EO Spec Sheet

TECHSPEC® Precision Aspheric Lenses

Volume Pricing	
Qty 1-5	£327.20 each
Qty 6-10	£294.40 each
Qty 11-25	£268.00 each
Need More?	<a href="#">Request Quote</a>

Prices shown are exclusive of VAT/local taxes

## General

**Type:** Aspheric Lens

## Physical & Mechanical Properties

<b>Diameter (mm):</b>	25.00 ±0.025	<b>Centering (arcmin):</b>	<3
<b>Clear Aperture CA (mm):</b>	22.50	<b>Edge Thickness ET (mm):</b>	6.30
<b>Center Thickness CT (mm):</b>	11.50 ±0.10	<b>Bevel:</b>	Protective as needed
<b>Shape of Back Surface:</b>	Plano		

## Optical Properties

<b>Effective Focal Length EFL (mm):</b>	31.25 @ 587.6nm	<b>Numerical Aperture NA:</b>	0.40
<b>Back Focal Length BFL (mm):</b>	23.67	<b>Substrate:</b>	<a href="#">N-BK7</a>
<b>Asphere Figure Error, RMS @ 632.8nm:</b>	0.4λ	<b>Coating:</b>	VIS-EXT+ (350-700nm)
<b>Coating Specification:</b>	R <sub>avg</sub> <0.5% @ 350 - 700nm @ ±30° AOI R <sub>sp</sub> <1.5% @	<b>Surface Quality:</b>	40-20

350 - 700nm @ ±30° AOI

f/#: 1.25

Wavelength Range (nm): 350 - 700

Conjugate Distance: Infinite

### Regulatory Compliance

Certificate of Conformance: [View](#)

## Product Details

- Improved Versions of Our Aspheric Lenses
- Precision Grade Aspheric Surfaces
- High Numerical Apertures to Maximize Throughput

TECHSPEC® Precision Aspheric Lenses are CNC polished aspheric lenses that feature a 0.4λ RMS aspheric figure error. The precision aspheric figure error makes these lenses ideal for applications that require spherical aberration correction, including imaging and laser focusing applications. These aspheric lenses can also be used to replace multiple spherical elements in optical assemblies to reduce weight and cost. TECHSPEC Precision Aspheric Lenses are available with diameters from 6 to 50mm and high numerical apertures to maximize light throughput.

## Related Products



Glass Polished



Aspheric Lenses



Optical Lens and Filter Mounts



UV Fused Silica Aspheric Lenses

## Frequently Purchased Together



#49-088 - SCHOTT KG3, 25mm Dia., 3mm Thick, Colored Glass Heat Absorbing Shortpass Filter  
**£39.20**

Qty



#19-324 - SCHOTT KG3, 25mm Dia., 1mm Thick, Colored Glass Heat Absorbing Shortpass Filter  
**£39.20**

Qty























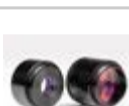















#19-326 - SCHOTT KG3, 25mm Dia., 2mm Thick, Colored Glass Heat Absorbing Shortpass Filter  
**£39.20**

Qty

## Compatible Mounts

	Title	Type	Compare	Stock Number	Price	Buy
	25.0/25.4mm Optic Dia., SM1 Thin Mount, M4	Fixed		#13-787	£16.80 <a href="#">Request Quote</a>	9 In Stock <input type="text" value="1"/>

	Title	Type	Compare	Stock Number	Price	Buy
 	25.0/25.4mm Optic Dia., SM1 Thin Mount, 8-32	Fixed		#13-788	£16.80 Request Quote	20+ In Stock <input type="text" value="1"/> 
 	25.0mm Optic Dia., Optic Mount	Fixed		#64-560	£26.20 Request Quote	CONTACT US <input type="text" value="1"/> 
 	30mm Cage 25/25.4mm Diameter Thick Lens Mount	Fixed		#85-588	£36.60 Request Quote	20+ In Stock <input type="text" value="1"/> 
 	25.0/25.4mm Optic Dia., L-Slot Direct Mount	Fixed		#36-410	£54.40 Request Quote	15 In Stock <input type="text" value="1"/> 
 	25.0/25.4mm Optic Dia., Side Flange Direct Mount	Fixed		#36-414	£56.80 Request Quote	20+ In Stock <input type="text" value="1"/> 
 	25/25.4mm Diameter, T-Mount Thick Optic Mount	Fixed		#52-293	£57.60 Request Quote	CONTACT US <input type="text" value="1"/> 
 	25mm Thick Inner Pair Optic Mounts	Fixed		#11-054	£64.40 Request Quote	5 In Stock <input type="text" value="1"/> 
 	25/25.4mm Diameter, C-Mount Thick Optic Mount	Fixed		#56-354	£79.20 Request Quote	5 In Stock <input type="text" value="1"/> 
 	25.0/25.4mm Optic Dia., L-Slot and Rotation Direct Mount	Adjustable - Rotary		#36-411	£81.60 Request Quote	5 In Stock <input type="text" value="1"/> 
 	25.0/25.4mm Optic Dia., X-Y Translating Optic Mount	Adjustable - Linear (XY)		#62-956	£220.80 Request Quote	CONTACT US <input type="text" value="1"/> 
 	25.0/25.4mm Optic Dia., X-Y-Z Translating Optic Mount	Adjustable - Linear (XYZ)		#62-959	£432.00 Request Quote	6 In Stock <input type="text" value="1"/> 
 	25.0/25.4mm Optic Dia., 5 Axes Optical Mount	Adjustable - Linear (XYZ) & Tip-Tilt		#13-776	£604.00 Request Quote	2 In Stock <input type="text" value="1"/> 

Check out our full selection of mounts [here](#).

## Resources

### Media Type

- Application Note
- Scientific Paper
- Trending in Optics
- Video
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#### APPLICATION NOTE

Anti-Reflection (AR) Coatings

#### APPLICATION NOTE

An Introduction to Optical Coatings

#### CASE STUDIES

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