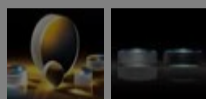
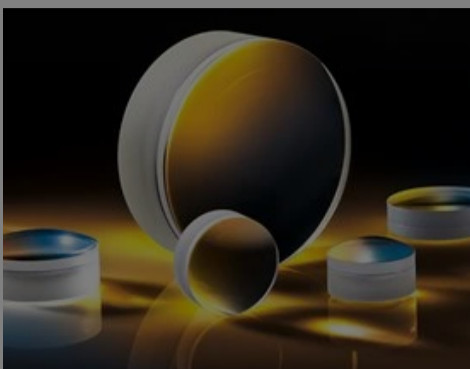


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[See all 293 Products in Family](#)

TECHSPEC® 25mm



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Options

1

€127⁰⁰

ADD TO CART

Volume Pricing

Qty 1-5 €127,00 each

Qty 6-25 €101,00 each

Qty 26-49 €96,00 each

Need More? [Request Quote](#)

Prices shown are exclusive of VAT/local taxes

Product Downloads

- STEP:stp PDF Drawing:pdf
- ISO 10110 Drawing
- IGES:igs Spec Sheets:pdf
- Zemax:zar Zemax:zmx
- eDrawing:easm Code V:seq
- EO Spec Sheet [Download All](#)

General

Type: Achromatic Lens

Physical & Mechanical Properties

Diameter (mm): 25.00 +0.0/-0.025

Clear Aperture CA (mm): 24.00

Centering (arcmin): <1

Center Thickness CT (mm): 5.50 ±0.20

Center Thickness CT 1 (mm): 3.00 ±0.10

Center Thickness CT 2 (mm): 2.50 ±0.10

Edge Thickness ET (mm): 5.13

Bevel: Protective as needed

Optical Properties

Effective Focal Length EFL (mm): 500.00

Focal Length Tolerance (%): ±1

Back Focal Length BFL (mm): 497.57

Focal Length Specification Wavelength (nm): 587.6

Radius R₁ (mm): 290.71

Radius R₂ (mm): -232.07

Radius R₃ (mm): -750.52

Substrate: [N-BK7 / N-SF5](#)

Surface Quality: 40-20

f/#: 20.00

Numerical Aperture NA:	0.03	Coating:	VIS 0° (425-675nm)
Coating Specification:	$R_{avg} \leq 0.4\%$ @ 425 - 675nm	Power (P-V) @ 632.8nm:	1.5λ
Irregularity (P-V) @ 632.8nm:	λ/4	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>Please select your shipping country to view the most accurate inventory information, and to determine the correct Edmund Optics sales office for your order.</p> <p>Select Your Country/Region:</p> </div>	
Regulatory Compliance			
RoHS 2015:	Compliant	Reach 219:	Compliant
Certificate of Conformance:	View		

Need different specs or modifications?

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

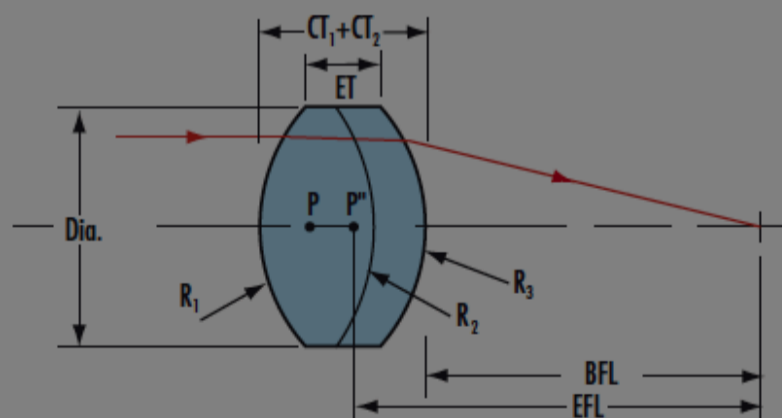
Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

Product Details

- Designed for 0° Angle of Incidence
- Less Than 0.4% Reflectance Per Surface from 425 - 675nm
- **MgF₂** and **VIS-NIR** Coated Achromats Also Available

TECHSPEC® VIS 0° Coated Achromatic Lenses consist of two optical components cemented together to form an achromatic doublet. The doublet is computer optimized to correct for on-axis spherical and chromatic aberrations. Achromatic lenses are best for applications involving multi-color (white light) imaging due to their specific doublet lens pairing that enables them to correct the color separation inherent in glass. TECHSPEC® VIS 0° Coated Achromatic Lenses provide optimized transmission for 425 – 675nm, reducing average reflection to 0.4%. **MgF₂** and **VIS-NIR** Coated Achromats are also available on our website.

Technical Information



Coating Curves

VIS 0° (425-675nm)



SHIFT + SELECT an area on CURVE to zoom

Please note that coating performance outside each product's specified design range is theoretical and may vary.

Related Products



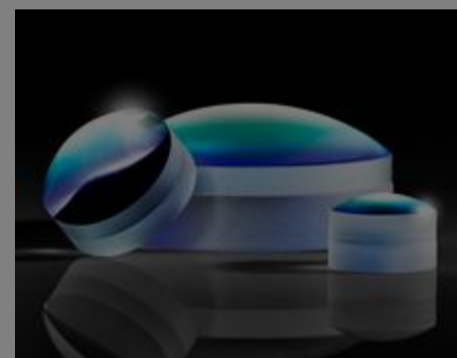
Optic Component Mounts



C, S, and T-Mount Circular Optic Mounts

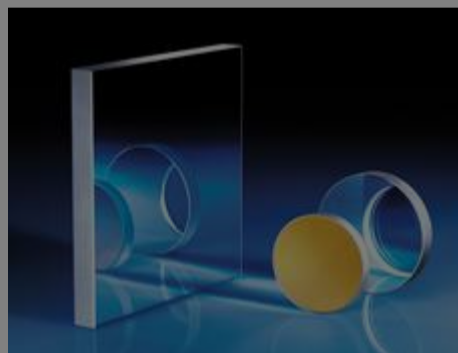


Optics Cleaning Brushes



Aspherized Achromatic Lenses

Frequently Purchased Together



#32-945 - 25mm Dia Enhanced Aluminum, 4-6λ Mirror
€31,00

Qty



#33-360 - 25.0mm Dia. x 200.0mm FL, VIS 0° Coated, Plano-Convex Lens
€47,50

Qty



#32-319 - 25mm Dia. x 35mm FL, MgF₂ Coated, Achromatic Doublet Lens
€124,00

Qty



#32-321 - 25mm Dia. x 40mm FL, MgF₂ Coated, Achromatic Doublet Lens
€122,00

Qty

Compatible Mounts

	Title	Type	Compare	Stock Number	Price	Buy
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MORE+



25.0/25.4mm Optic Dia., SM1 Thin Mount, M4

Fixed























#13-787

€21,00
Request Quote

4 In Stock

1



	Title	Type	Compare	Stock Number	Price	Buy
MORE+	 25.0/25.4mm Optic Dia., SM1 Thick Mount, 8-32				€21,00	20+ In Stock <input type="text" value="1"/> 
MORE+	 25.0mm Optic Mount					CONTACT US <input type="text" value="1"/> 
MORE+	 30mm Cage 25/25.4mm Diameter Thick Lens Mount	Fixed		#85-588	€45,75 Request Quote	20+ In Stock <input type="text" value="1"/> 
MORE+	 25.0/25.4mm Optic Dia., L-Slot Direct Mount	Fixed		#36-410	€68,00 Request Quote	15 In Stock <input type="text" value="1"/> 
MORE+	 25.0/25.4mm Optic Dia., Side Flange Direct Mount	Fixed		#36-414	€71,00 Request Quote	20+ In Stock <input type="text" value="1"/> 
MORE+	 25mm Thick Inner Pair Optic Mounts	Fixed		#11-054	€80,50 Request Quote	5 In Stock <input type="text" value="1"/> 
MORE+	 25/25.4mm Diameter, C-Mount Thick Optic Mount	Fixed		#56-354	€99,00 Request Quote	5 In Stock <input type="text" value="1"/> 
MORE+	 25.0/25.4mm Optic Dia., L-Slot and Rotation Direct Mount	Adjustable - Rotary		#36-411	€102,00 Request Quote	5 In Stock <input type="text" value="1"/> 
MORE+	 25.0/25.4mm Optic Dia., X-Y Translating Optic Mount	Adjustable - Linear (XY)		#62-956	€276,00 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+	 25.0/25.4mm Optic Dia., X-Y-Z Translating Optic Mount	Adjustable - Linear (XYZ)		#62-959	€540,00 Request Quote	6 In Stock <input type="text" value="1"/> 
MORE+	 25.0/25.4mm Optic Dia., 5 Axes Optical Mount	Adjustable - Linear (XYZ) & Tip-Tilt		#13-776	€755,00 Request Quote	2 In Stock <input type="text" value="1"/> 

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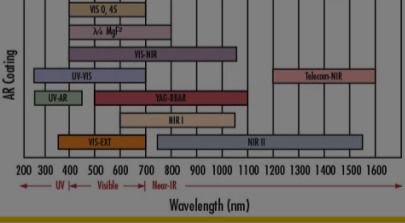
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Check out our full selection of mounts [here](#).

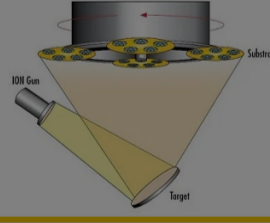
Resources

Media Type

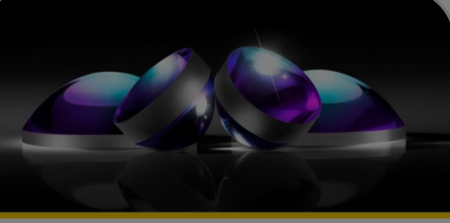
- Application Note
- Scientific Paper
- Video
- FAQ
- Glossary



APPLICATION NOTE
Anti-Reflection (AR) Coatings

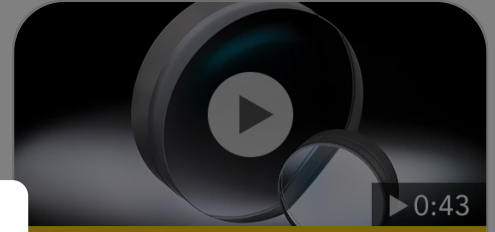
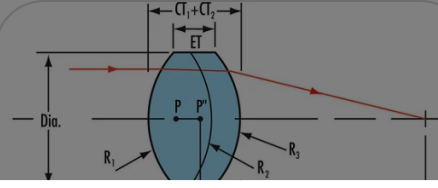


APPLICATION NOTE
An Introduction to Optical Coatings



APPLICATION NOTE
Lens Geometry Performance Comparison

SPIE.



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▶ VIDEO

Achromatic Lenses Review

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