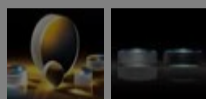
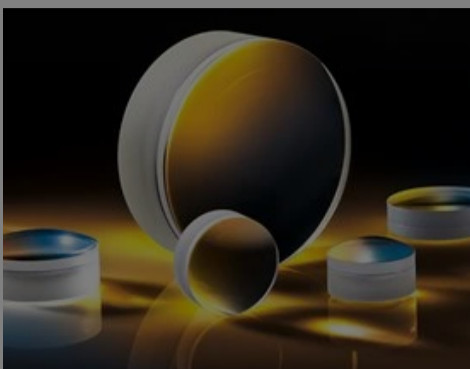


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TECHSPEC® 25mm



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Submit

Options

- 1 +

€147^{.00}

ADD TO CART

Volume Pricing

Qty 1-5 €147,00 each

Qty 6-25 €118,00 each

Qty 26-49 €110,00 each

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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:eprt Code V:seq
- EO Spec Sheet

General

Type: Achromatic Lens

Physical & Mechanical Properties

Diameter (mm): 25.00 ±0.025

Clear Aperture CA (mm): 24.00

Centering (arcmin): <1

Center Thickness CT (mm): 9.50 ±0.20

Center Thickness CT 1 (mm): 7.00 ±0.10

Center Thickness CT 2 (mm): 2.50 ±0.10

Edge Thickness ET (mm): 6.97

Bevel: Protective as needed

Optical Properties

Effective Focal Length EFL (mm): 75.00

Focal Length Tolerance (%): ±1

Back Focal Length BFL (mm): 70.39

Focal Length Specification Wavelength (nm): 587.6

Radius R₁ (mm): 46.44

Radius R₂ (mm): -33.77

Radius R₃ (mm): -95.94

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

Surface Quality: 40-20

f/#: 3.00

Numerical Aperture NA:	0.17	Coating:	VIS-NIR (400-1000nm)
Coating Specification:	$R_{abs} \leq 0.25\%$ @ 880nm $R_{avg} \leq 1.25\%$ @ 400 - 870nm $R_{avg} \leq 1.25\%$ @ 890 - 1000nm	Power (P-V) @ 632.8nm:	1.5λ
Irregularity (P-V) @ 632.8nm:	λ/4		

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Regulatory Compliance			
RoHS 2015:	Compliant	REACH 201:	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

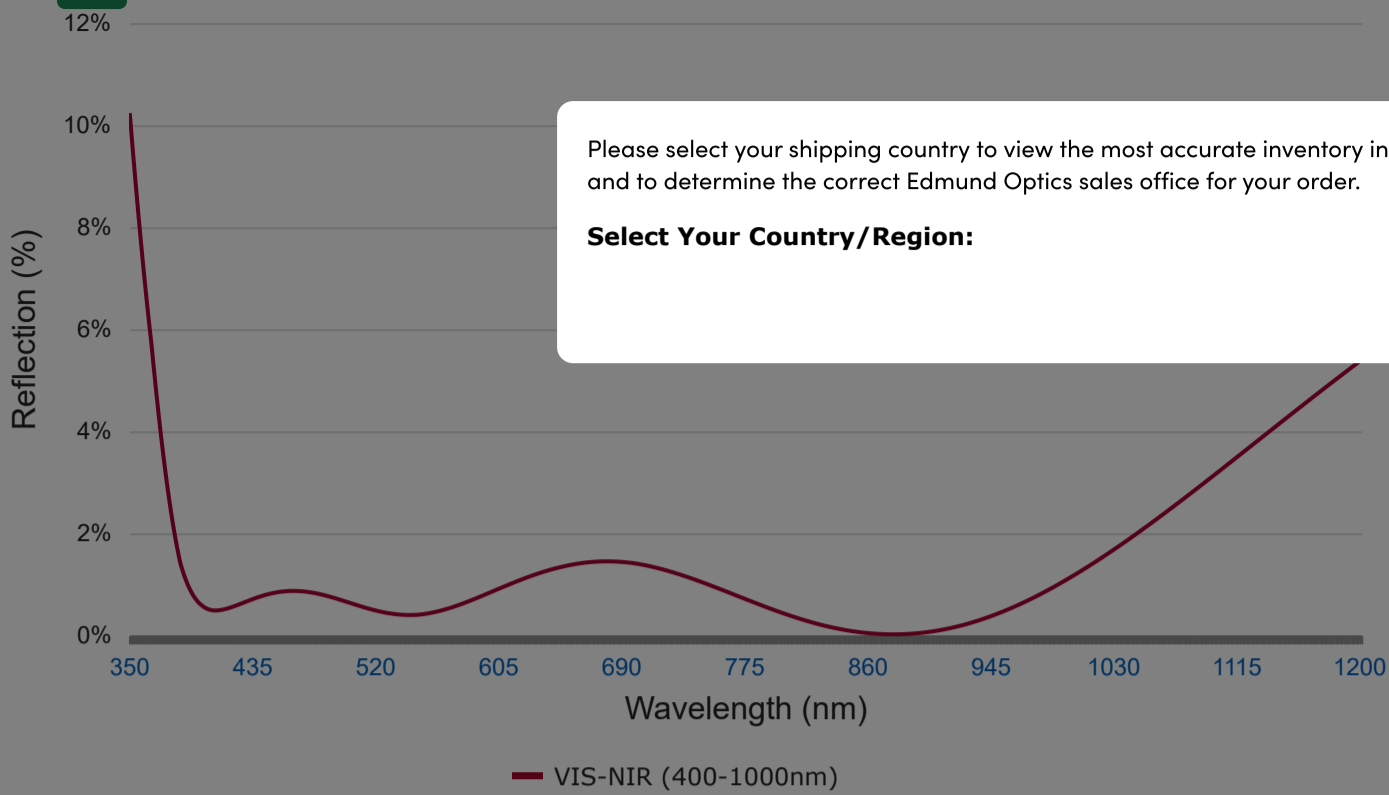
- Designed for 0° Angle of Incidence
- Less Than 0.25% Reflectance Per Surface @ 880nm
- **MgF₂** and **VIS 0°** Coated Achromats Also Available

TECHSPEC® VIS-NIR 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. TECHSPEC® VIS-NIR Coated Achromatic Lenses have visible/near-infrared broadband anti-reflection coating, which is specially optimized to yield maximum transmission (>99%) in the near-infrared. The achromatic lenses reduce reflection to less than 0.25 percent per surface at 880nm. **Magnesium Fluoride** coated and **VIS 0°** coated achromats are also available.

Technical Information

Coating Curves

VIS-NIR (400-1000nm)



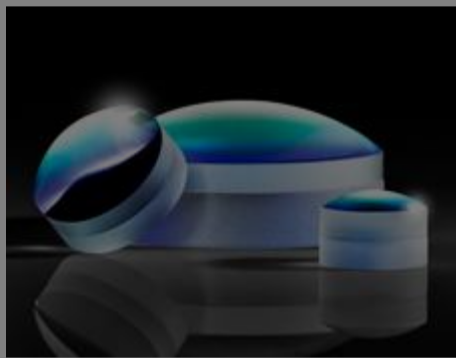
Please select your shipping country to view the most accurate inventory information, and to determine the correct Edmund Optics sales office for your order.

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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



Aspherized Achromatic Lenses



Optical Cleaning



Optical Lens and Filter Mounts



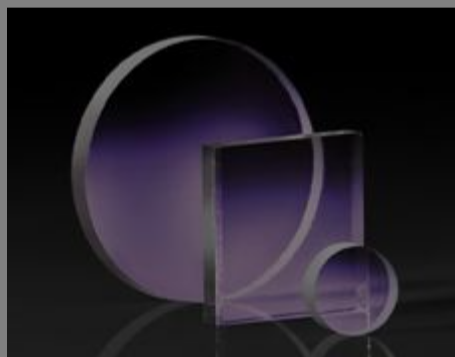
Optical Lenses

Frequently Purchased Together



#43-787 - 50mm Diameter Unmounted, Linear Glass Polarizing Filter
€61,00

Qty



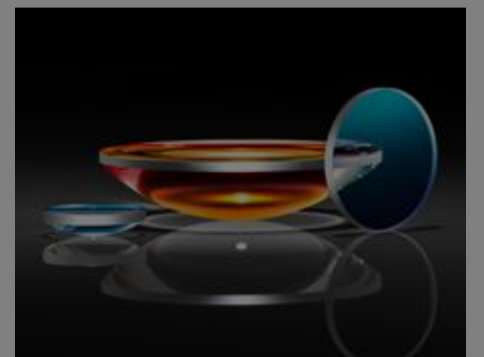
#43-894 - 75mm Diameter x 6.5mm Thickness, Uncoated, BOROFLOAT® Window
€37,50

Qty



#45-030 - 25.0mm Dia. x -25 FL, Uncoated, Plano-Concave Lens
€36,50

Qty



#46-257 - 6mm Dia. x 18mm FL UV-AR Coated, UV Plano-Convex Lens
€149,00

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











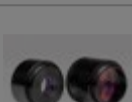









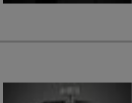



#13-787

€21,00
Request Quote

4 In Stock

1



	Title	Type	Compare	Stock Number	Price	Buy
MORE+ 	25.0/25.4mm Optic Dia., Thin Mount				€21,00	20+ In Stock <input type="text" value="1"/> 
MORE+ 	25.0mm Optic Dia., Optic					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+ 	25/25.4mm Diameter, T-Mount Thick Optic Mount	Fixed		#52-293	€72,00 Request Quote	CONTACT US <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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Resources

Media Type

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

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Anti-Reflection (AR) Coatings

APPLICATION NOTE
An Introduction to Optical Coatings

APPLICATION NOTE
Lens Geometry Performance Comparison

GLOSSARY

NIR (Near Infrared)

GLOSSARY

VIS/NIR Coating

APPLICATION NOTE

The Correct Material for Infrared (IR) Applications

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