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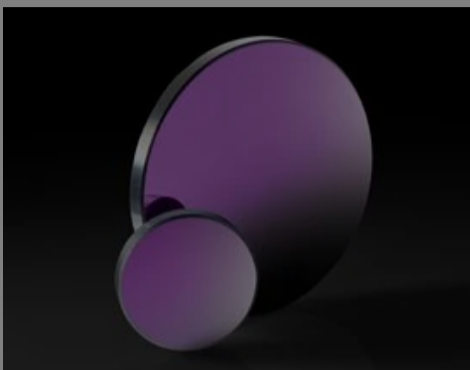
TECHSPEC®

25mm Dia. x 25mm Thick

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Select Your Country/Region: European Union

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Stock #69-690 **8 In Stock** [Other Coating Options](#)

1 €370⁰⁰

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Volume Pricing	
Qty 1-5	€370,00 each
Qty 6-25	€296,00 each
Qty 26-49	€277,00 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads	
STEP:stp	Curve:pdf
PDF Drawing:pdf	IGES:igs
Zemax:zar	Zemax:zmx
eDrawing:eprt	Code V:seq
EO Spec Sheet	Download All

General

Type: Plano-Convex Lens

Physical & Mechanical Properties

Diameter (mm):	25.00 +0.0/-0.1	Centering (arcmin):	<3
Center Thickness CT (mm):	3.00 ±0.10	Edge Thickness ET (mm):	2.87
Clear Aperture CA (mm):	24	Bevel:	Protective as needed

Optical Properties

Effective Focal Length EFL (mm):	250.00 @ 10.6µm	Back Focal Length BFL (mm):	249.12
Coating:	BBAR (3000-5000nm)	Coating Specification:	R _{avg} <3.0% @ 3 - 5µm
Substrate:	Silicon (Si)	Surface Quality:	60-40
Power (P-V) @ 632.8nm:	2λ	Irregularity (P-V) @ 632.8nm:	λ/2
Radius R₁ (mm):	604.40	f/#:	10.00
Numerical Aperture NA:	0.05	Wavelength Range (nm):	3000 - 5000

Regulatory Compliance

RoHS 2015: **Compliant**

Certificate of Conformance: [View](#)

REACH 241: **Compliant**

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Need different specifications or measurements?

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](#).

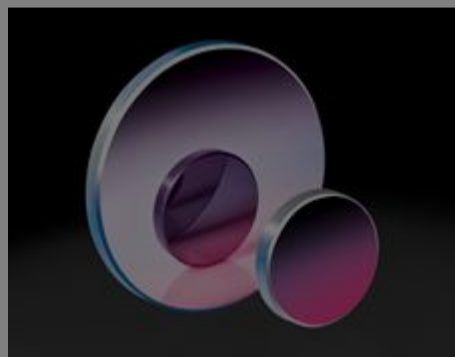
Product Details

- Wavelength Range of 1.2 - 7 μ m
- Low Density and Dispersion
- Focal Lengths of 25 - 250mm Available
- Additional **Infrared Lenses** Available in Popular Substrates

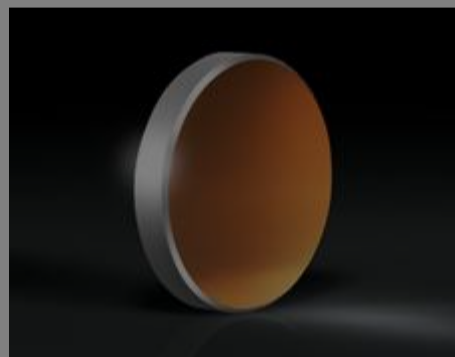
Our TECHSPEC® Silicon Plano-Convex (PCX) Lenses feature precision polished surfaces, making them ideal for a variety of infrared applications, including Near-Infrared (NIR) imaging, and infrared spectroscopy. Available in a variety of focal lengths from f/1 thru f/10, the lenses are offered uncoated or broadband anti-reflection coated. For more information on Silicon properties, please review our guide to selecting [The Correct Material for Infrared \(IR\) Applications](#).

Technical Information

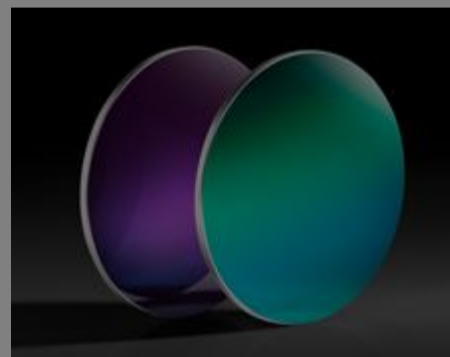
Related Products



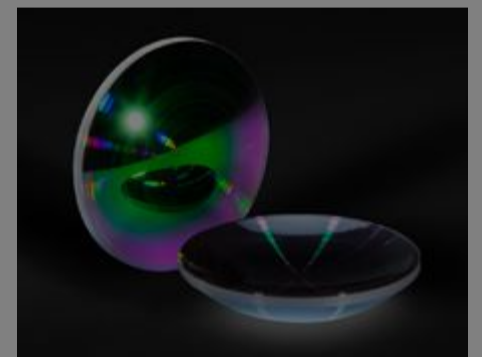
Infrared (IR) Lenses



Silicon Substrate Gold Mirrors

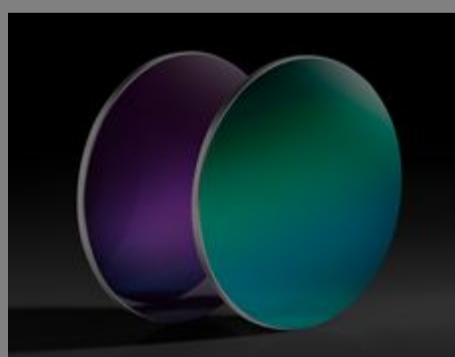


Silicon (Si) Windows



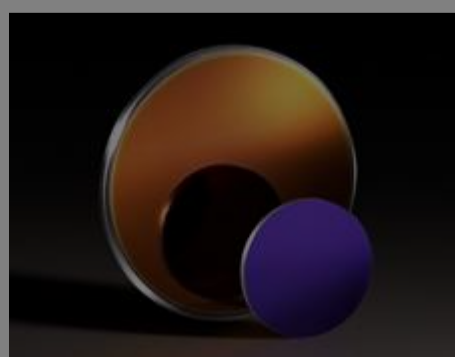
Silicon Aspheric Lenses

Frequently Purchased Together



#68-524 - 25mm Dia. x 1.0mm Thickness 3-5 μ m Coated Silicon Window
€235,00

Qty



#68-652 - 1.65 μ m, 25mm Diameter, Infrared Longpass Filter
€426,00

Qty



#69-682 - 25mm Dia. x 25mm FL, 3 - 5 μ m Coated, Si Plano-Convex Lens
€370,00

Qty



































#69-688 - 25mm Dia. x 100mm FL, 3 - 5 μ m Coated, Si Plano-Convex Lens
€370,00

Qty

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MORE+ 	25.0/25.4mm Optic Dia., SM1 Thin Mount, 8-32	Fixed	#13-788	€21,00 Request Quote	20+ In Stock	1 
MORE+ 	25.0mm Optic Dia., Optic Mount	Fixed	#64-560	€32,75 Request Quote	3 In Stock	1 
MORE+ 	25mm Thin Inner Single Optic Mount	Fixed	#38-755	€41,00 Request Quote	14 In Stock	1 
MORE+ 	30mm Cage 25/25.4mm Diameter Lens Mount	Fixed	#85-587	€43,50 Request Quote	20+ In Stock	1 
MORE+ 	30mm Cage 25/25.4mm Diameter Thick Lens Mount	Fixed	#85-588	€45,75 Request Quote	20+ In Stock	1 
MORE+ 	25/30mm Cage 25mm Diameter Lens Mount	Fixed	#85-678	€45,75 Request Quote	5 In Stock	1 
MORE+ 	25.0/25.4mm Optic Dia., L-Slot Direct Mount	Fixed	#36-410	€68,00 Request Quote	15 In Stock	1 
MORE+ 	25.0/25.4mm Optic Dia., Side Flange Direct Mount	Fixed	#36-414	€71,00 Request Quote	20+ In Stock	1 
MORE+ 	25/25.4mm Diameter, T-Mount Thin Optic Mount	Fixed	#52-292	€72,00 Request Quote	CONTACT US	1 
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MORE+ 	25mm Thick Inner Pair Optic Mounts	Fixed	#11-054	€80,50 Request Quote	5 In Stock	1 
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MORE+ 	25.0/25.4mm Optic Dia., X-Y Translating Optic Mount	Adjustable - Linear (XY)	#62-956	€276,00 Request Quote	2 In Stock	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	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	1 

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(AR) Coatings

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Optical
Coatings

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Optical
Specifications

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