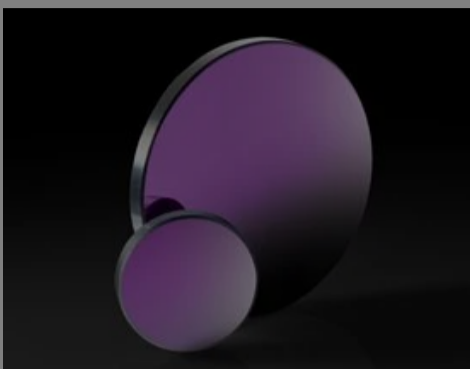


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TECHSPEC® 25mm



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Options

1

€245^{,00}

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Volume Pricing

Qty 1-5 €245,00 each

Qty 6-25 €195,00 each

Qty 26-49 €183,00 each

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Product Downloads

- STEP:stp
- PDF Drawing:pdf
- IGES:igs
- Zemax:zar
- Zemax:zmx
- eDrawing:eprt
- Code V:seq
- EO Spec Sheet
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General

Type: Plano-Convex Lens

Physical & Mechanical Properties

Diameter (mm): 25.00 +0.0/-0.1

Centering (arcmin): <3

Center Thickness CT (mm): 3.50 ±0.10

Edge Thickness ET (mm): 2.19

Clear Aperture CA (mm): 24

Bevel: Protective as needed

Optical Properties

Effective Focal Length EFL (mm): 25.00 @ 10.6µm

Back Focal Length BFL (mm): 23.98

Coating: Uncoated

Substrate: Silicon (Si)

Surface Quality: 60-40

Power (P-V) @ 632.8nm: 2λ

Irregularity (P-V) @ 632.8nm: λ/2

Radius R₁ (mm): 60.44

f/#: 1.00

Numerical Aperture NA: 0.50

Wavelength Range (nm): 1200 - 7000

Regulatory Compliance

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Need different specifications?

Edmund Optics offers comprehensive custom manufacturing capabilities for a wide range of 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
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Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

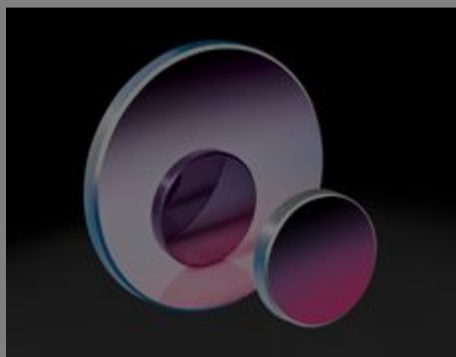
Product Details

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

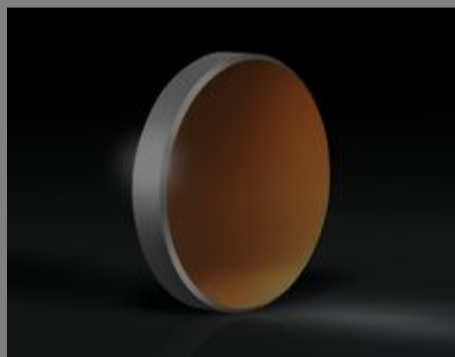
Our TECHSPEC® Silicon Plano-Convex (PCX) Lenses feature precision polished surfaces, making them ideal for a variety of infrared applications, including Near-Infrared (NIR) imaging, and infrared spectroscopy. Available in a variety of focal lengths from f/1 thru f/10, the lenses are offered uncoated 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

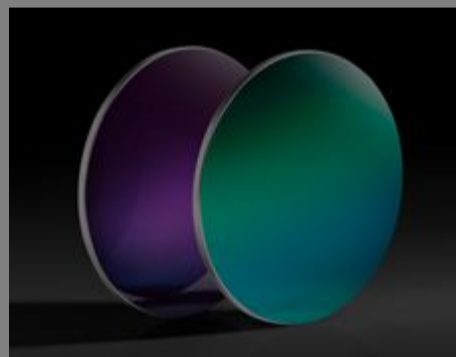
Related Products



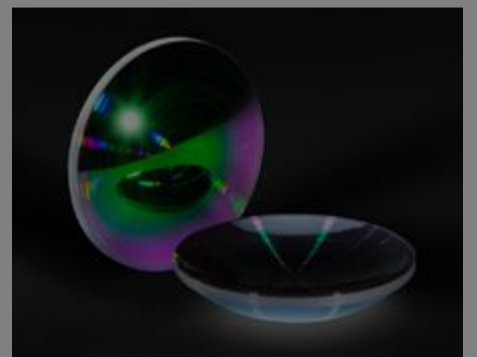
Infrared (IR) Lenses



Silicon Substrate Gold Mirrors



Silicon (Si) Windows



Silicon Aspheric Lenses

Frequently Purchased Together

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#53-985 - 8" x 5" Cloths, Pre-Moistened Towelettes
€37,25

Qty 

€32,75

Qty 


































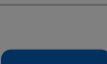





Aspheric Lens
€489,00

Qty 

#68-523 - 25mm Dia. x 1.0mm Thickness Uncoated, Silicon Window
€175,00

Qty 

Compatible Mounts

	Title	Type	Compare	Stock Number	Price	Buy
	 25.0/25.4mm Optic Dia., SM1 Thin Mount, M4	Fixed		#13-787	€21,00 Request Quote	9 In Stock <input type="text" value="1"/> 
	 25.0/25.4mm Optic Dia., SM1 Thin Mount, 8-32	Fixed		#13-788	€21,00 Request Quote	20+ In Stock <input type="text" value="1"/> 
	 25.0mm Optic Dia., Optic Mount	Fixed		#64-560	€32,75 Request Quote	CONTACT US <input type="text" value="1"/> 
	 25mm Thin Inner Single Optic Mount	Fixed		#38-755	€41,00 Request Quote	14 In Stock <input type="text" value="1"/> 
	 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"/> 
	 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"/> 
	 25mm Thin Inner Pair Optic Mounts	Fixed		#11-052	€80,50 Request Quote	3 In Stock <input type="text" value="1"/> 
	 25mm Thick Inner Pair Optic Mounts	Fixed		#11-054	€80,50 Request Quote	5 In Stock <input type="text" value="1"/> 
	 25/25.4mm Diameter, C-Mount Thin Optic Mount	Fixed		#56-353	€99,00 Request Quote	20+ In Stock <input type="text" value="1"/> 
	 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"/> 
	 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"/> 
	 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"/> 
	 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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Coatings

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Specifications

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