

50mm Dia. Left-Handed VIS-Coated Glass Circular Polarizer (CP42HE)



Stock **#19-937** 8 In Stock

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1

+

A\$171^{.20}

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Volume Pricing	
Qty 1-9	A\$171.20 each
Qty 10-25	A\$153.44 each
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General

Type:
Left-Handed Circular Polarizer

Physical & Mechanical Properties

Diameter (mm):
50.00

Thickness (mm):
2.00 ±0.10

Dimensional Tolerance (mm):
±0.20

Laminated Glass Polarizing Film		Construction:
Optical Properties		
VIS AR Coated		Coating:
Polymer Film CP42HE Laminated Between Glass		Substrate: ☐
45 ±2		
Transmission (%)		
R _{avg} <0.5% @ 425 - 700nm		Coating Specification:
425 - 700		
Wavelength Range (nm)		
>99.90		Polarization Efficiency (%)
Environmental & Durability Factors		
-40 to +80		Operating Temperature (°C)
Regulatory Compliance		
Compliant		RoHS 2015:
View		Certificate of Conformance:
Compliant		Reach 235:

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

- Uncoated and Visible AR Coated Options
- Left-Hand Circular Polarization
- Increased Durability in Machine Vision Applications

Glass Circular Polarizers (CP42HE) are designed for reducing surface reflection and glare, making them ideal for a variety of imaging applications. These circular polarizers feature a linear sheet polarizer and quarter-wave retarder laminated between two optical-grade glass windows. The window substrates provide increased rigidity and durability in industrial applications. An anti-reflection (AR) coating option provides increased transmission of visible light from 425 – 700nm. Glass Circular Polarizers (CP42HE) provide a left-handed polarization direction. Example imaging applications include machine vision, digital image processing, and photography.

Technical Information

