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

Stock **#19-937** **20+ In Stock**

- 1 + **C$149.80**

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Volume Pricing	
Qty 1-9	**C$149.80** each
Qty 10-25	**C$134.26** 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

Construction:
Laminated Glass Polarizing Film

Optical Properties

Coating:
VIS AR Coated

Substrate:
Polymer Film CP42HE Laminated Between Glass

Transmission (%):
45 ±2

Coating Specification:
R_{avg} <0.5% @ 425 - 700nm

Wavelength Range (nm):
425 - 700

Polarization Efficiency (%):
>99.90

Environmental & Durability Factors

Operating Temperature (°C):
-40 to +80

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 235:
Compliant

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

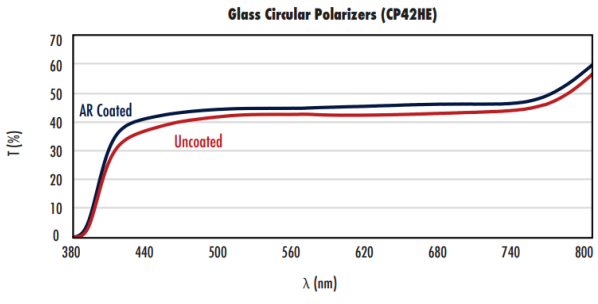
Learn more about our custom manufacturing capabilities or submit an inquiry here.

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



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