

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



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

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1

+

₹7,474

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Volume Pricing	
Qty 1-9	₹7,474 each
Qty 10+	₹6,695 each
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SPECIFICATIONS

General

Type:

Left-Handed Circular Polarizer

Physical & Mechanical Properties

Diameter (mm):

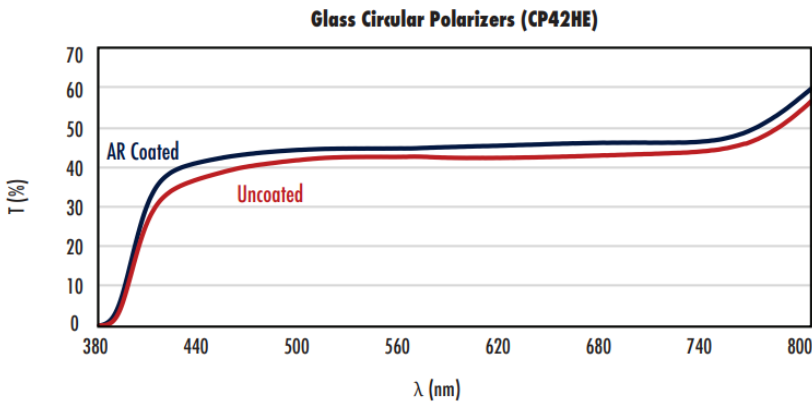
50.00	
2.00 ±0.10	Thickness (mm):
±0.20	Dimensional Tolerance (mm):
Laminated Glass Polarizing Film	Construction:
Optical Properties	
VIS AR Coated	Coating:
Polymer Film CP42HE	Substrate: Laminated Between Glass
45 ±2	Transmission (%):
R _{avg} <0.5% @ 425 - 700nm	Coating Specification:
425 - 700	Wavelength 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:

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



CUSTOM

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](#).