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/ [Circular Polarizers \(CP42HE and](#)

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25.4 x 25.4mm

Film (CP42HE)



1

€16<sup>,75</sup>

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Volume Pricing	
Qty 1-5	€16,75 each
Qty 6-25	€13,40 each
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Product Downloads	
STEP:step	PDF Drawing:pdf
IGES:igs	Spec Sheets:pdf
eDrawing:eprt	
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Prices shown are exclusive of VAT/local taxes

### General

**Type:** Left-Handed Circular Polarizer

**Note:** Polarization axis is parallel to marking on protective film.

### Physical & Mechanical Properties

**Length (mm):** 25.40

**Dimensions (mm):** 25.4 x 25.4 +0.0/-0.3

**Thickness (mm):** 0.27 ±0.04

**Construction:** Circular Polarizing Film

**Width (mm):** 25.40

### Optical Properties

**Substrate:** [Polymer Film CP42HE](#)

**Transmission (%):** 42

**Wavelength Range (nm):** 400 - 700

**Polarization Efficiency (%):** >99.90

### Environmental & Durability Factors

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

**Heat Resistance (°C x Hours):** 80 x 500

### Regulatory Compliance

**RoHS 2015:** [Compliant](#)

**Certificate of Conformance:** [View](#)

**REACH 241:** [Compliant](#)

## Product Details

- Greater than 42% Transmission
- Available with Film or Plastic Substrate
- Right-Handed or Left-Handed Designs Available

Circular Polarizers (CP42HE and CP42HER) are ideal for reducing glare in a variety of imaging applications or for increasing the visibility of displays in bright environments. These circular polarizers feature excellent transmission of visible light from 400 – 700nm. The plastic substrate offers increased durability, while the film substrate offers increased flexibility and can be cut to fit an application's needs. Circular Polarizer performance will be achieved at 560nm and polarization directions available. The best length.

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## Immediate Custom Quotes Available

If you have a need for any round, square, or rectangular polarizer, visit our [Polarizing Film Tool](#). We'll provide an immediate quote, and can list. For fully customized polymer polarizers to

600mm, please visit our [Polarizing Film](#) manufacturing tolerances and restrictions are

## Related Products



Compact Direct Mounts



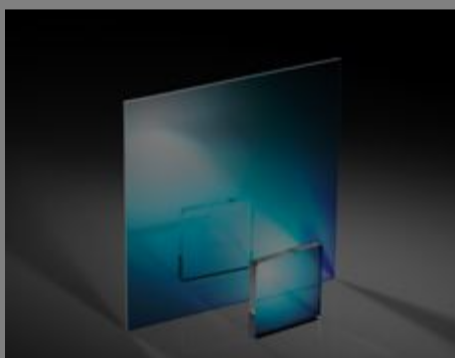
Rotation Kinematic Mounts

## Frequently Purchased Together



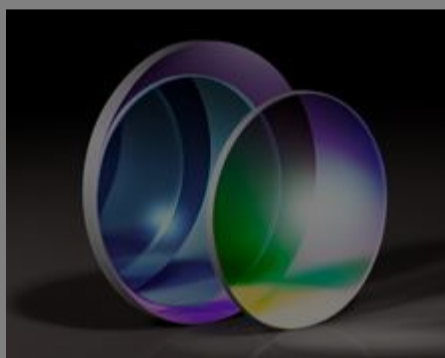
#02-531 - 250µm, Optical Grade Plastic Optical Fiber Unjacketed  
€1,00

Qty



#31-416 - 12 x 19mm, 10R/90T, Plate Beamsplitter  
€40,00

Qty



#46-664 - 12.5mm Diameter, 25R/75T, Plate Beamsplitter  
€54,50

Qty



#47-473 - 9.0mm Dia. x 18.0mm FL, VIS 0° Coated, Plano-Convex Lens  
€43,50

Qty



# Resources

### Media Type

- Application Note
- Technical Tool
- Video
- FAQ
- Glossary

APPLICATION NOTE

Introduction to Polarization

TECHNICAL TOOL

Laser-Cut Polymer Polarizer and Retarder...

APPLICATION NOTE

Polymer Polarizers and Retarders

APPLICATION NOTE

Polarizer Selection Guide

APPLICATION NOTE

Understanding Waveplates and Retarders

VIDEO

How Do 3D Movies Work? Polarization

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