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## 50.8mm Dia. Left-Handed Plastic Circular Polarizer (CP42HE)



Stock #88-100 **4 In Stock**

1  €68<sup>00</sup>

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### Volume Pricing

Qty 1-5	€68,00 each
Qty 6-25	€54,70 each
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**i** Prices shown are exclusive of VAT/local taxes

### Product Downloads

#### General

Left-Handed Circular Polarizer **Type:**

#### Physical & Mechanical Properties

50.80 +0.0/-0.5 **Diameter (mm):**

2.29 ±0.24 **Thickness (mm):**

**Construction:**  
Circular Plastic (PMMA) Circular Polarizers

## Optical Properties

**CP42HE on PMMA**      **Substrate:**

**Transmission (%):**  
42

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**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 235:**  
[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 Polarizers (CP42HE and CP42HER) have Left-handed (CP42HE) and right-handed (CP42HER) polarization directions available. The best performance will be achieved at 560nm and polarization may become more elliptical the further the deviation from this recommended wavelength.

### Immediate Custom Quotes Available

If you have a need for any round, square, or rectangular size of a Circular Polarizer (CP42HE and CP42HER) in dimensions between 3mm and 600mm, please visit our [Polarizing Film Tool](#). We'll provide an immediate quote, and can deliver the part to your requested size in approximately 3 weeks. A full list of standard manufacturing tolerances and restrictions are listed. For fully customized polymer polarizers to your requirements, visit our [Customized Polymer Polarizers Capabilities](#) page.