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## 50.8mm Dia. Right-Handed Plastic Circular Polarizer (CP42HER)



Stock #88-102 **9 In Stock**

- 1 + MRP ₹7,971

Price inclusive of all taxes

**ADD TO CART**

Volume Pricing	
Qty 1-5	₹7,971 each
Qty 6-25	₹6,628 each
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### Product Downloads

#### General

Right-Handed Circular Polarizer **Type:**

#### Physical & Mechanical Properties

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

2.29 ±0.24 **Thickness (mm):**

**Construction:**

## Optical Properties

<a href="#">CP42HER on PMMA</a>	<b>Substrate:</b> <input type="checkbox"/>
42	<b>Transmission (%):</b>
400 - 700	<b>Wavelength Range (nm):</b>
>99.90	<b>Polarization Efficiency (%):</b>

## Environmental & Durability Factors

-40 to +80	<b>Operating Temperature (°C):</b>
80 x 500	<b>Heat Resistance (°C x Hours):</b>

## Regulatory Compliance

<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Compliant</a>	<b>Reach 235:</b>
Japan	<b>Country of Origin:</b>
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91-80-6845 0000	<b>Imported By:</b>

## 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.