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25.4mm Dia. Right-Handed Plastic Circular Polarizer (CP42HER)

Stock **#88-101** **20+ In Stock**

- 1 + **A$76.40**

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Volume Pricing	
Qty 1-5	**A$76.40** each
Qty 6-25	**A$62.24** each
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General

Type:
Right-Handed Circular Polarizer

Physical & Mechanical Properties

Diameter (mm):
25.40 +0.0/-0.3

Thickness (mm):
2.29 ±0.24

Construction:
Circular Plastic (PMMA) Circular Polarizers

Optical Properties

Substrate:
CP42HER on PMMA

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 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.