

## 12.5mm Dia. High Contrast VIS-NIR Polarizer



Stock **#36-652** **1 In Stock**

S\$525<sup>00</sup>

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Volume Pricing	
Qty 1-9	<b>S\$525.00</b> each
Qty 10+	<b>S\$498.40</b> each
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### Product Downloads

### General

Linear Polarizer **Type:**

### Physical & Mechanical Properties

11.25 **Clear Aperture CA (mm):**

12.50 **Diameter (mm):**

2.00 ±0.2 **Thickness (mm):**

+0.0/-0.2	<b>Dimensional Tolerance (mm):</b>
Nanoparticle	<b>Construction:</b>
90	<b>Clear Aperture (%):</b>

## Optical Properties

±20	<b>Angle of Incidence (°):</b>
>10,000:1 (650nm - 850nm) >1,000:1 (650nm - 1000nm)	<b>Extinction Ratio:</b>
Soda Lime Float Glass	<b>Substrate:</b> <input type="checkbox"/>
40-20	<b>Surface Quality:</b>
>84	<b>Transmission (%):</b>
< λ/4	<b>Transmitted Wavefront, P-V:</b>
<1	<b>Beam Deviation (arcmin):</b>
±2	<b>Polarization Axis Mark (%):</b>
600 - 1000	<b>Wavelength Range (nm):</b>

## Environmental & Durability Factors

-20 to +120	<b>Operating Temperature (°C):</b>
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## Regulatory Compliance

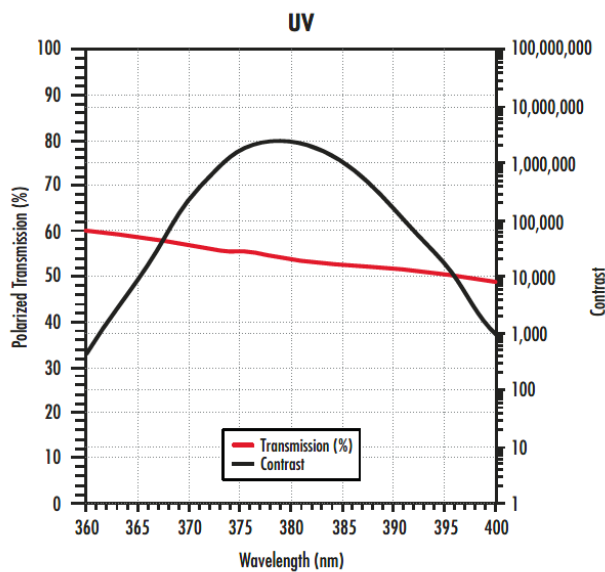
<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Compliant</a>	<b>REACH 241:</b>

## Product Details

- Multiple Wavelength Ranges for UV, VIS and NIR
- >100,000:1 Contrast Ratios Available
- Ideal for Use in Harsh Environments

UV, VIS-NIR, and NIR High Contrast Polarizers offer both versatility and performance over a wide range of wavelengths. These polarizers contain uniformly stretched silver nano-particles in a 220 ±25µm thick soda-lime glass laminated on a thicker soda-lime substrate for increased durability. UV, VIS-NIR, and NIR High Contrast Polarizers are ideal for harsh environments, can withstand up to 120°C, are resistant to UV-radiation and chemicals, and can be safely used in humid environments.

## Technical Information





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