

12.5mm Dia. High Contrast VIS-NIR Polarizer



Stock #36-652 **15 In Stock**

MRP ₹37,834

i Price inclusive of all taxes

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Volume Pricing	
Qty 1-9	₹37,834 each
Qty 10+	₹35,917 each
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General

Linear Polarizer **Type:**

Physical & Mechanical Properties

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

12.50 **Diameter (mm):**

Thickness (mm):

2.00 ±0.2

Dimensional Tolerance (mm):

+0.0/-0.2

Construction:

Nanoparticle

Clear Aperture (%):

90

Optical Properties

Angle of Incidence (°):

±20

Extinction Ratio:

>10,000:1 (650nm - 850nm)
>1,000:1 (650nm - 1000nm)

Substrate:

Soda Lime Float Glass

Surface Quality:

40-20

Transmission (%):

>84

Transmitted Wavefront, P-V:

< λ/4

Beam Deviation (arcmin):

<1

Polarization Axis Mark (%):

±2

Wavelength Range (nm):

600 - 1000

Environmental & Durability Factors

Operating Temperature (°C):

-20 to +120

Regulatory Compliance

RoHS 2015:

[Compliant](#)

Certificate of Conformance:

[View](#)

REACH 241:

[Compliant](#)

Country of Origin:

Germany

Imported By:

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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

