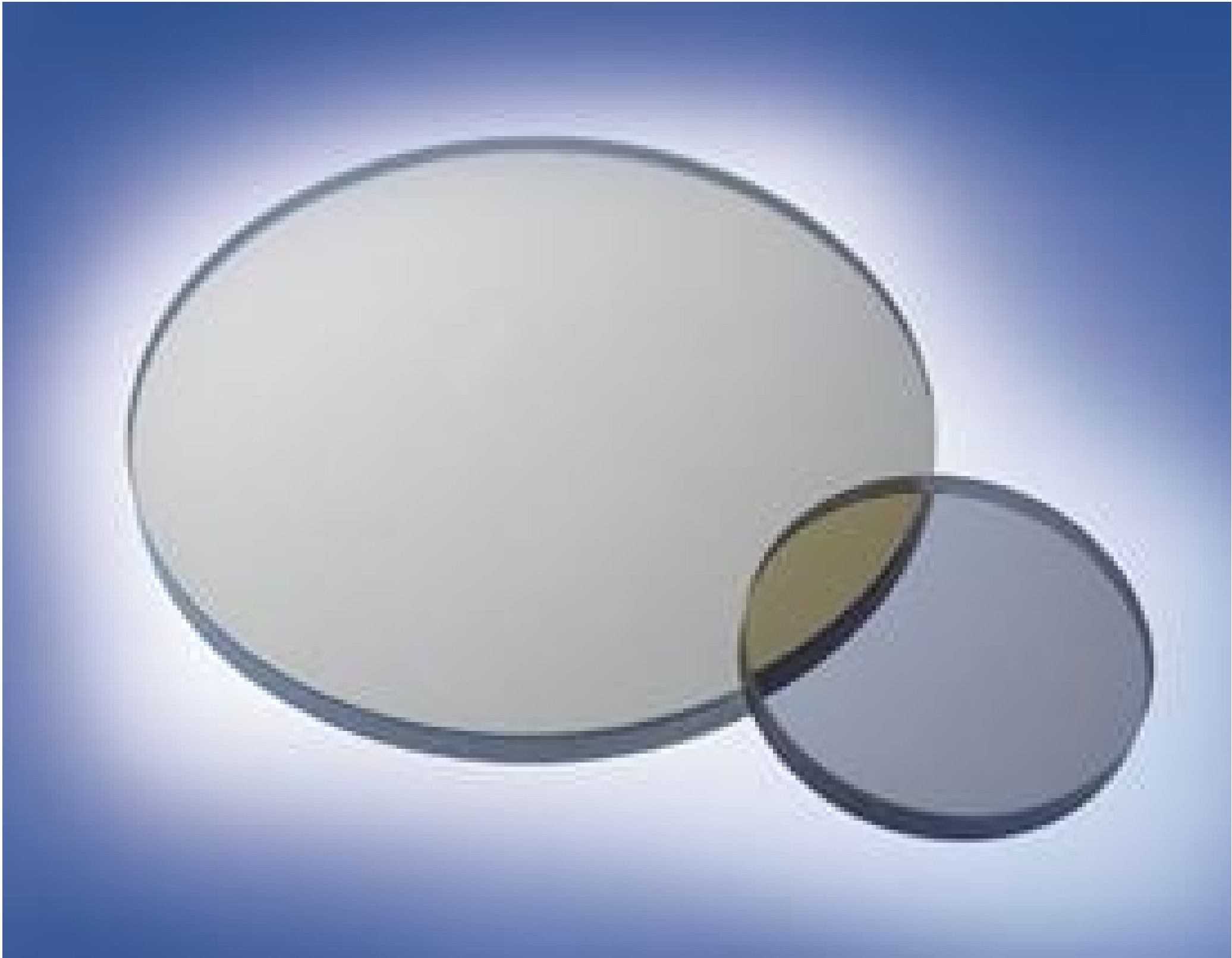


12.5mm Dia. High Contrast IR Polarizer



Stock **#36-654** [CONTACT US](#)

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1

+

€460^{,41}

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Volume Pricing	
Qty 1-9	€460,41 each
Qty 10+	€393,46 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Type:

Linear Polarizer

Physical & Mechanical Properties

11.25	Clear Aperture CA (mm):
12.50	Diameter (mm):
2.00 ±0.2	Thickness (mm):
+0.0/-0.2	Dimensional Tolerance (mm):
Nanoparticle	Construction:
90	Clear Aperture (%):

Optical Properties

±20	Angle of Incidence (°):
>100,000:1 (900nm - 1200nm) >10,000:1 (750nm - 1400nm) >1,000:1 (650nm - 1700nm)	Extinction Ratio:
Soda Lime Float Glass	Substrate: ☐
>80	Transmission (%):
< λ/4	Transmitted Wavefront, P-V:
<1	Beam Deviation (arcmin):
±2	Polarization Axis Mark (%):
650 - 1700	Wavelength Range (nm):

Environmental & Durability Factors

-20 to +120	Operating Temperature (°C):
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Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	REACH 241:

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

