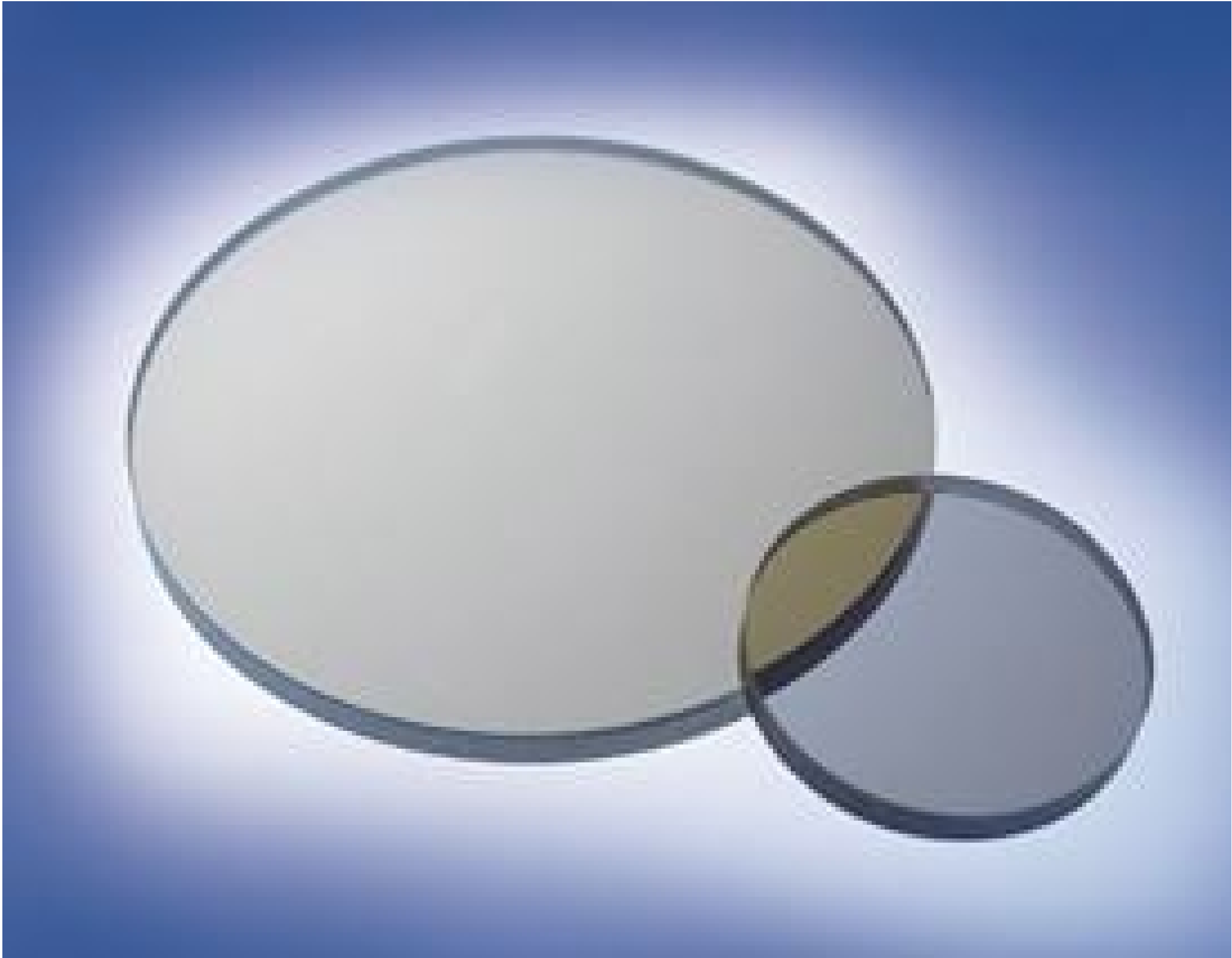


12.5mm Dia. High Contrast IR Polarizer



Stock **#36-654** 9 In Stock

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1

+

S\$539^{.00}

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Volume Pricing	
Qty 1-9	S\$539.00 each
Qty 10+	S\$511.00 each
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General

Type:

Linear Polarizer

Physical & Mechanical Properties

Clear Aperture CA (mm):

11.25

Diameter (mm):

12.50

Thickness (mm):

2.00 ±0.2

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

Optical Properties

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

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

