

30mm Dia. 1000-2000nm, NIR Linear Polarizer



Stock **#48-889** **8 In Stock**

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1

+

A\$686^{.40}

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Volume Pricing	
Qty 1-5	A\$686.40 each
Qty 6-25	A\$583.04 each
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General

Type:

Linear Polarizer

Physical & Mechanical Properties

Diameter (mm):

30.00

Thickness (mm):

2.00 ±0.2

Parallelism (arcmin):

<4

Dimensional Tolerance (mm):		+0.0/-0.2
Construction:		Dichroic Polarizing Film on Glass
Optical Properties		
Coating:		Uncoated
Extinction Ratio:		1000:1
Substrate: ☐		Polymer Film on B270
Transmission (%):		33.00
Transmission Tolerance (%):		±3
Wavelength Range (nm):		1000 - 2000
Environmental & Durability Factors		
Operating Temperature (°C):		-25 to +80
Regulatory Compliance		
RoHS 2015:		Compliant
Reach 224:		Compliant
Certificate of Conformance:		View

Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

Product Details

- Ideal for Fiber Optic and Laser Applications
- 750 – 850nm and 1000 – 2000nm Wavelength Ranges
- 1000:1 Extinction Ratio

These high contrast NIR Glass Linear Polarizers consist of a polymer polarization film layered between two flat pieces of optical quality glass. These polarizers are ideal for a variety of applications involving low power NIR [lasers](#), [LEDs](#), and other NIR sources. Their extended broadband range is also ideal for a variety of telecommunication devices including fiber optic isolators and couplers. NIR Glass Linear Polarizers have a 1000:1 extinction ratio. The high contrast polarizers are available in diameters ranging from 12.5 to 50mm and are offered uncoated or with anti-reflective coating.

Technical Information

