

[See all 8 Products in Family](#)

25mm Dia. 750-850nm, NIR Linear Polarizer



Stock #48-892 **14 In Stock**

MRP ₹43,282

i Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1-5	₹43,282 each
Qty 6-25	₹36,320 each
Need More?	Request Quote

Product Downloads

General

Linear Polarizer **Type:**

Physical & Mechanical Properties

25.00 **Diameter (mm):**

2.00 ±0.2 **Thickness (mm):**

Parallelism (arcmin):

<4

Dimensional Tolerance (mm):

+0.0/-0.2

Construction:

Dichroic Polarizing Film on Glass

Optical Properties

Coating:

AR Coating

Extinction Ratio:

1000:1

Substrate:

Polymer Film on [B270](#)

Transmission (%):

30.00

Transmission Tolerance (%):

±3

Wavelength Range (nm):

750 - 850

Environmental & Durability Factors

Operating Temperature (°C):

-25 to +65

Regulatory Compliance

RoHS 2015:

Compliant

Reach 224:

Compliant

Certificate of Conformance:

[View](#)

Country of Origin:

Japan

Imported By:

Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

Need different specs or modifications?

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

