

# 50mm Dia. 750-850nm, NIR Linear Polarizer



Stock **#48-894** 4 In Stock

-

1

+

€605<sup>,00</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | €605,00 each                  |
| Qty 6-25       | €517,40 each                  |
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Prices shown are exclusive of VAT/local taxes

Product Downloads

| General                          |                 |
|----------------------------------|-----------------|
| Linear Polarizer                 | Type:           |
| Physical & Mechanical Properties |                 |
| 50.00                            | Diameter (mm):  |
| 2.00 ±0.2                        | Thickness (mm): |

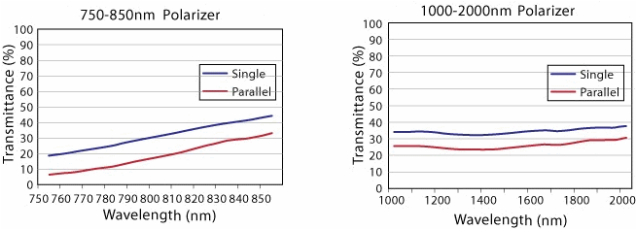
|                                    |                                     |
|------------------------------------|-------------------------------------|
| <4                                 | Parallelism (arcmin):               |
| +0.0/-0.2                          | Dimensional Tolerance (mm):         |
| Dichroic Polarizing Film on Glass  | Construction:                       |
| Optical Properties                 |                                     |
| AR Coating                         | Coating:                            |
| 1000:1                             | Extinction Ratio:                   |
| Polymer Film on <span>B270</span>  | Substrate: <input type="checkbox"/> |
| 30.00                              | Transmission (%):                   |
| ±3                                 | Transmission Tolerance (%):         |
| 750 - 850                          | Wavelength Range (nm):              |
| Environmental & Durability Factors |                                     |
| -25 to +65                         | Operating Temperature (°C):         |
| Regulatory Compliance              |                                     |
| <span>Compliant</span>             | RoHS 2015:                          |
| <span>Compliant</span>             | Reach 224:                          |
| <span>View</span>                  | Certificate of Conformance:         |

## 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



## 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](#).