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## 12.5mm Dia. 1000-2000nm, NIR Linear Polarizer



Stock **#48-887** 2 In Stock

-

1

+

C\$464<sup>.80</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | C\$464.80 each                |
| Qty 6-25       | C\$399.42 each                |
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Product Downloads

General

Type:

Linear Polarizer

Physical & Mechanical Properties

Diameter (mm):

12.50

Thickness (mm):

2.00 ±0.2

Parallelism (arcmin):

<4

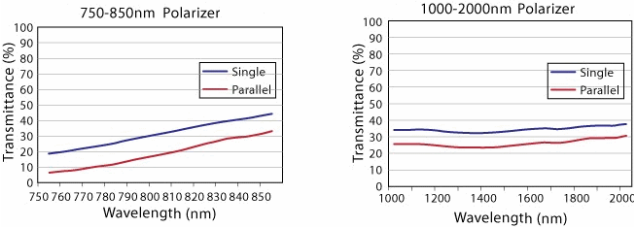
|                                      |  |
|--------------------------------------|--|
| Dimensional Tolerance (mm):          |  |
| +0.0/-0.2                            |  |
| Construction:                        |  |
| Dichroic Polarizing Film on Glass    |  |
| Optical Properties                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

## 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](#).