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**TECHSPEC® 50.8mm Dia. High Performance Glass Linear Polarizer**



Stock #66-183 **13 In Stock**

MRP ₹26,535

**i** Price inclusive of all taxes

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Volume Pricing	
Qty 1-5	₹26,535 each
Qty 6-25	₹21,258 each
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**General**

Linear Polarizer **Type:**

**Physical & Mechanical Properties**

50.80 **Diameter (mm):**

2.00 ±0.2 **Thickness (mm):**

**Parallelism (arcmin):**

<4

**Dimensional Tolerance (mm):**

+0.0/-0.2

**Construction:**

Dichroic Polarizing Film between Glass

## Optical Properties

**Coating:**

AR:  $R_{avg} < 0.5\%$  @ 400 - 700nm

**Extinction Ratio:**

10,000:1

**Substrate:** □

Polymer Film between **B270**

**Transmission (%):**

25 (for random polarization)

**Transmission Tolerance (%):**

±2

**Wavelength Range (nm):**

400 - 700

**Surface Flatness (P-V):**

<1λ (typical)

**Polarization Axis Mark (°):**

±2

## 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

- 10,000:1 High Extinction Ratio for 400 - 700nm
- Polarization Axis is Reference Marked
- Anti-Reflection Coated to Minimize Reflection Loss

TECHSPEC® High Performance Glass Linear Polarizers offer a high extinction ratio and are available in a range of sizes. A single polarizer transmits about 25% of randomly polarized incident light from 400 – 700nm. The glass substrate is anti-reflection (AR) coated to minimize loss of light due to reflection. TECHSPEC® High Performance Glass Linear Polarizers are ideal for a broad range of industrial and laboratory applications. These glass polarizers are offered in diameters ranging from 6.25mm to 50.80mm.

## Technical Information

