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TECHSPEC® 50mm Dia. High Performance Glass Linear Polarizer

Stock **#47-217** **20+ In Stock**

- 1 + **A$412**.80

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Volume Pricing	
Qty 1-5	**A$412.80** each
Qty 6-25	**A$330.72** each
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General

Type:

Linear Polarizer

Physical & Mechanical Properties

Diameter (mm):

50.00

Thickness (mm):

2.00 ±0.2

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

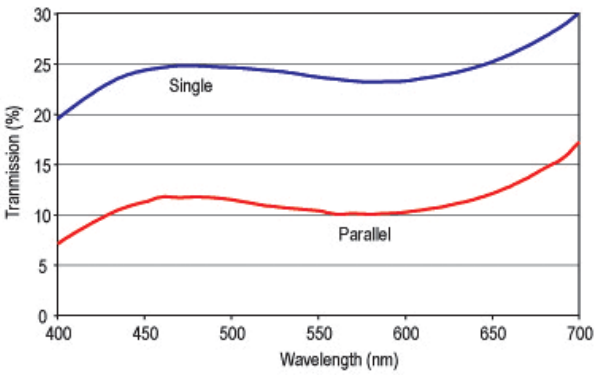
Certificate of Conformance:
View

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



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.**