

TECHSPEC[®] 50mm Dia. High Performance Glass Linear Polarizer



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

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1

+

₹18,373

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Volume Pricing	
Qty 1-5	₹18,373 each
Qty 6+	₹14,714 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

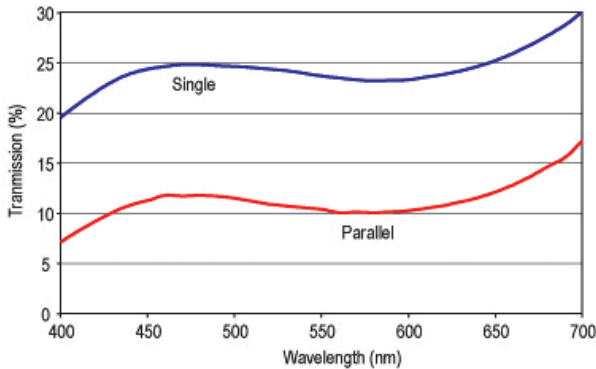
Dimensional Tolerance (mm):	
+0.0/-0.2	
Construction:	
Dichroic Polarizing Film between Glass	
Optical Properties	
Coating:	
AR: R _{avg} <0.5% @ 400 - 700nm	
Extinction Ratio:	
10,000:1	
Substrate: □	
Polymer Film between B270	
Transmission (%):	
25 (for random polarization)	
Transmission Tolerance (%):	
±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	
Country of Origin:	
Japan	
Imported By:	
Edmund Optics India Private Limited	

Product Details

- 10,000:1 High Extinction Ratio for 400 - 700nm
- Polarization Axis is Reference Marked
- Anti-Reflection Coated to Mnimize 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](#).

