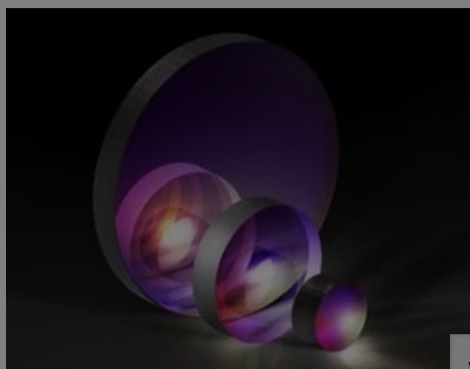


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TECHSPEC® 355nm



TECHSPEC High Energy Laser Line Polarizers

Please select your shipping country to view the most accurate inventory information, and to determine the correct Edmund Optics sales office for your order.

Select Your Country/Region: European Union

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1

€570⁰⁰

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Volume Pricing

Qty 1-5 €570,00 each

Qty 6-25 €510,00 each

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Prices shown are exclusive of VAT/local taxes

Product Downloads

- STEP:step
- Curve:pdf
- PDF Drawing:pdf
- IGES:igs
- eDrawing:eprt
- EO Spec Sheet
- [Download All](#)

General

Type: Linear Polarizer

Physical & Mechanical Properties

Clear Aperture CA (mm): 22.5

Diameter (mm): 25.00

Thickness (mm): 6.00 ±0.25

Dimensional Tolerance (mm): +0.00/-0.25

Construction: Thin Film Dielectric

Clear Aperture (%): 90

Optical Properties

Angle of Incidence (°): 45 ±2

Design Wavelength DWL (nm): 355

Extinction Ratio: 10,000:1

Substrate: [Fused Silica](#) (Corning 7980)

Surface Quality: 40-20

Transmission (%): >98 (P-Polarization)

Transmitted Wavefront, P-V: λ/4 @ 633nm

Damage Threshold, By Design: 2 J/cm² @ 532nm, 10ns, S or P Polarization

Regulatory Compliance

RoHS 2015: [Compliant](#)

Certificate of Conformance: [View](#)

Reach 247: [Compliant](#)

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
- High-precision surface quality and finish
- Tight tolerances and complex geometries
- Scalable production—from prototyping to full-scale production

Learn more about our [custom manufacturing](#) services.

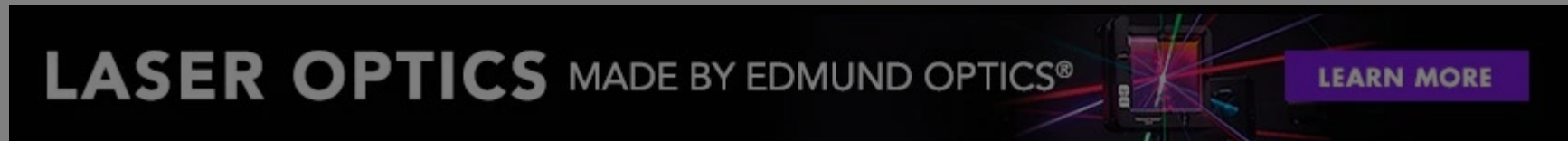
Please select your shipping country to view the most accurate inventory information, and to determine the correct Edmund Optics sales office for your order.

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Product Details

- High Extinction Ratio of 10,000:1
- 45° Angle of Incidence
- Available for Nd:YAG Harmonics and HeNe Wavelengths

TECHSPEC® Thin Film Laser Line Polarizers are used to transmit P-polarized light while reflecting S-polarized light. These polarizers with thin film dielectric coatings combine high laser damage thresholds with high extinction ratios for optimal performance in a range of laser applications. The UV grade fused silica substrate maximizes performance, while the hard anti-reflection coating makes these durable polarizers easy to clean and simple to align. TECHSPEC® Thin Film Laser Line Polarizers have an 45° angle of incidence. The polarizers are available for common laser wavelengths.



Related Products



Rotation Kinematic Mounts



C, S, and T-Mount
Polarizer Holders

Frequently Purchased Together



#33-317 - 25.4mm 355nm, High
Energy Polarizing Cube
Beamsplitter
€1.290,00

Qty 



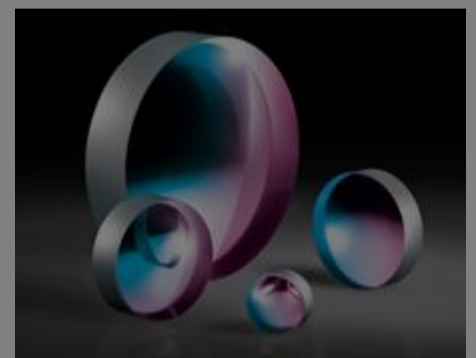
#46-549 - 25.4mm Dia. 355nm $\lambda/2$
Quartz Waveplate Zero Order
€545,00

Qty 



#46-575 - M25.5 x 0.5 Mounted
Linear Glass Polarizing Filter
€54,00

Qty 



#48-331 - 25mm Dia. x -100mm FL,
UV-AR Coated, UV DCV Lens
€171,00

Qty 

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Media Type

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Introduction to
Polarization

 TECHNICAL TOOL

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- Application Note
- Technical Tool
- Video
- FAQ
- Glossary

Laser-Cut
Polymer
Polarizer and
Retarder...

Polymer
Polarizers and
Retarders

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