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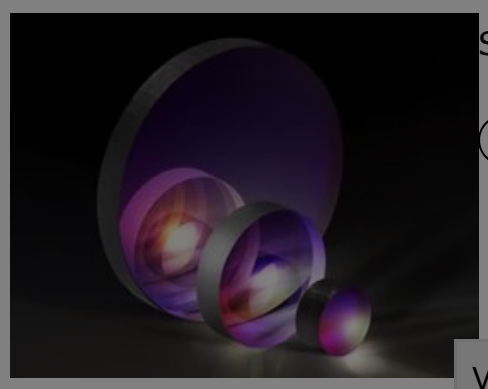
TECHSPEC® 1064nr Line Polarizer



TECHSPEC High Energy Laser Line Polarizers

- 1 +

€570,00

ADD TO CART

Volume Pricing	
Qty 1-5	€570,00 each
Qty 6-25	€510,00 each
Need More?	Request Quote

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):	22.50	**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):**	1064
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/cm^2 @ 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, coat
- High-precision surface quality and f
- Tight tolerances and complex geom
- Scalable production—from prototyp

Learn more about our **custom manufac**

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 45º angle of incidence. The polarizers are available for common laser wavelengths.

Related Products

Rotation Kinematic Mounts

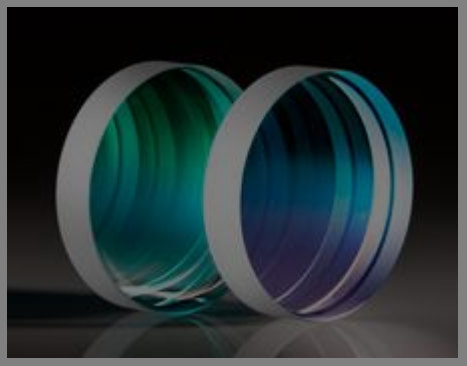
C, S, and T-Mount Polarizer Holders

Frequently Purchased Together

#03-676 - 7.0 - 40.0 Optic Height, English Bar-Type Optic Holder
€106,00
Qty

#32-477 - 25.0mm Dia. x 50.0mm FL Uncoated, Plano-Convex Lens
€32,75
Qty

#32-481 - 25.0mm Dia. x 100.0mm FL Uncoated, Plano-Convex Lens
€32,75
Qty



#33-036 - 1025-1095nm 25.4mm Dia. Laser Non-Polarizing Beamsplitter
€435,00
Qty

Resources

Media Type

APPLICATION NOTE
Introduction to Polarization

TECHNICAL TOOL

APPLICATION NOTE

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

Laser-Cut Polymer Polarizer and Retarder...

Polymer Polarizers and Retarders

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APPLICATION NOTE

Polarizer Selection Guide

APPLICATION NOTE

Understanding Waveplates and Retarders

VIDEO

How Do 3D Movies Work? Polarization

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