

TECHSPEC[®] 1064nm, 25mm Diameter, Thin Film Laser Line Polarizer



TECHSPEC High Energy Laser Line Polarizers

Stock **#86-716** **5 In Stock**

-

1

+

€570⁰⁰

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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

General

Linear Polarizer

Type:

Physical & Mechanical Properties

22.50

Clear Aperture CA (mm):

25.00

Diameter (mm):

6.00 ±0.25	Thickness (mm):
+0.00/-0.25	Dimensional Tolerance (mm):
Thin Film Dielectric	Construction:
90	Clear Aperture (%):
Optical Properties	
45 ±2	Angle of Incidence (°):
1064	Design Wavelength DWL (nm):
10,000:1	Extinction Ratio:
Fused Silica (Corning 7980)	Substrate: □
40-20	Surface Quality:
>98 (P-Polarization)	Transmission (%):
λ/4 @ 633nm	Transmitted Wavefront, P-V:
2 J/cm² @ 532nm, 10ns, S or P Polarization	Damage Threshold, By Design: □
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:

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](#).

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.

