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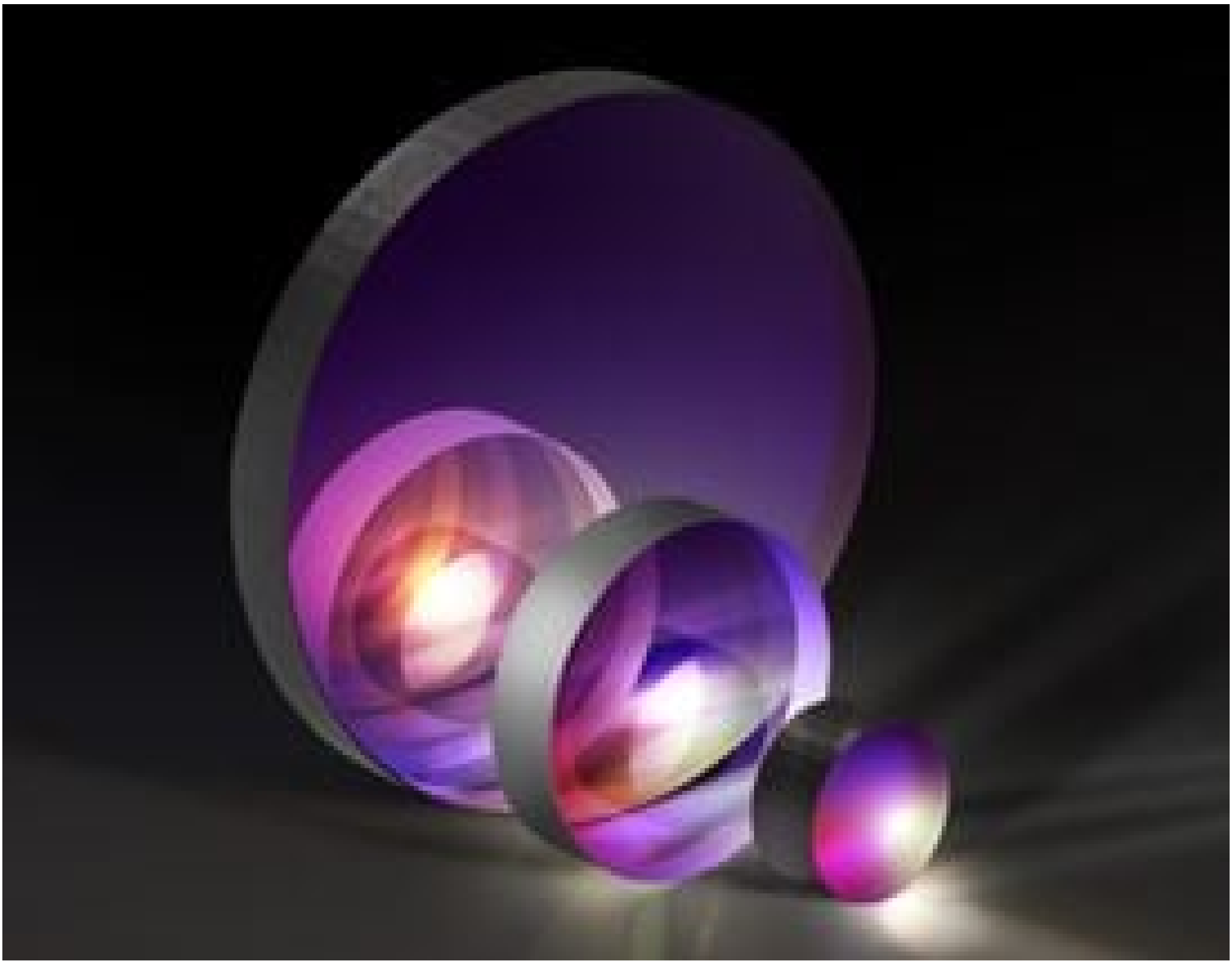
TECHSPEC® 633nm, 25mm Diameter, Thin Film Laser Line Polarizer



TECHSPEC High Energy Laser Line Polarizers

Stock **#86-713** **2 In Stock**

- 1 + **A$912**.00

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Volume Pricing	
Qty 1-5	**A$912.00** each
Qty 6-25	**A$816.00** each
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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):

633

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

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.

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.**