

**TECHSPEC® 532nm, 25mm Diameter, Thin Film Laser Line Beamsplitter**



TECHSPEC High Energy Laser Line Polarizers

Stock **#21-887** **4 In Stock**

⊖ 1 ⊕ €540<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	€540,00 each
Qty 6-25	€472,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Plate Beamsplitter **Type:**

**Physical & Mechanical Properties**

90 **Clear Aperture (%):**

22.50 **Clear Aperture CA (mm):**

Thin Film Dielectric	<b>Construction:</b>
25.00	<b>Diameter (mm):</b>
+0.00/-0.25	<b>Dimensional Tolerance (mm):</b>
6.00 ±0.25	<b>Thickness (mm):</b>
<b>Optical Properties</b>	
45±2	<b>Angle of Incidence (°):</b>
532	<b>Design Wavelength DWL (nm):</b>
10,000:1	<b>Extinction Ratio:</b>
>98	<b>P-Polarization Transmission (%):</b>
>99	<b>S-Polarization Reflection (%):</b>
<a href="#">Fused Silica</a>	<b>Substrate:</b> <input type="checkbox"/>
40-20	<b>Surface Quality:</b>
M4 @ 633nm	<b>Transmitted Wavefront, P-V:</b>
2 J/cm <sup>2</sup> @ 532nm, 10ns, S or P Polarization	<b>Damage Threshold, By Design:</b> <input type="checkbox"/>
<b>Regulatory Compliance</b>	
<a href="#">View</a>	<b>Certificate of Conformance:</b>

## Product Details

- 45° Angle of Incidence
- Reflects S-Polarized Light, Transmits P-Polarized Light
- Available for Nd:YAG Harmonics and HeNe Wavelengths

TECHSPEC® Laser Line Polarizing Plate Beamsplitters split randomly polarized light into two orthogonal, linearly polarized components. S-polarized light is reflected at a 90° angle, while P-polarized light is transmitted. These beamsplitters feature thin film dielectric coatings which provide high laser damage thresholds for optimal performance in many laser applications. TECHSPEC® Laser Line Polarizing Plate Beamsplitters UV grade fused silica substrate maximizes performance while the hard anti-reflection coating makes them durable and easy to clean.

## 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](#).