

## 1025-1095nm 25.4mm Dia. Laser Non-Polarizing Beamsplitter



Laser Line Non-Polarizing Plate Beamsplitters

Stock **#33-036** **9 In Stock**

⊖ 1 ⊕ C\$609<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	C\$609.00 each
Qty 6-25	C\$481.60 each
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### Product Downloads

#### General

Non-Polarizing Beamsplitter **Type:**

#### Physical & Mechanical Properties

<0.25mm x45° **Bevel:**

>90 **Clear Aperture (%):**

**Construction:**

Plate	
25.40 +0.0/-0.1	<b>Diameter (mm):</b>
<1	<b>Parallelism (arcmin):</b>
5.00 ±0.1	<b>Thickness (mm):</b>
<b>Optical Properties</b>	
45	<b>Angle of Incidence (°):</b>
Back Surface: AR Coating	<b>Coating:</b>
R <sub>abs</sub> < 0.75% @ 1025 - 1095nm	<b>Coating Specification:</b>
<5	<b>Polarization Separation (R<sub>s</sub>-R<sub>p</sub>) (%):</b>
50/50	<b>Reflection/Transmission Ratio (R/T):</b>
50 ±5	<b>Reflectivity (R<sub>s</sub>% R<sub>p</sub>%):</b>
<a href="#">Fused Silica</a> (Corning 7980)	<b>Substrate:</b> <input type="checkbox"/>
λ/8	<b>Surface Flatness (P-V):</b>
20-10	<b>Surface Quality:</b>
1025 - 1095	<b>Wavelength Range (nm):</b>
>1 J/cm <sup>2</sup> @ 1064nm, 10ns	<b>Damage Threshold, By Design:</b> <input type="checkbox"/>
λ/8	<b>Transmitted Wavefront Distortion:</b>

### Environmental & Durability Factors

ML-C-675A	<b>Durability:</b>
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### Regulatory Compliance

<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Compliant</a>	<b>Reach 247:</b>

### Product Details

- High Laser Damage Thresholds
- Excellent Surface Quality
- Insensitive to Input Beam's Polarization State

Laser Line Non-Polarizing Plate Beamsplitters are ideal for use in demanding laser applications where polarization control is critical. Laser Line Non-Polarizing Plate Beamsplitters are coated with dielectric layers to increase system performance while maintaining high laser damage thresholds and the polarization state of the input beam. The 1025nm – 1095nm coating is designed for some of the industry's most popular pulsed lasers, including Nd:YAG, Yb:KGW, and Yb:YAG.



### Compatible Mounts