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



Laser Line Non-Polarizing Plate Beamsplitters

Stock **#33-036** **4 In Stock**

⊖ 1 ⊕ **\$609⁰⁰**

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Volume Pricing	
Qty 1-5	\$609.00 each
Qty 6-25	\$481.60 each
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General

Non-Polarizing Beamsplitter **Type:**

Physical & Mechanical Properties

<0.25mm x45° **Bevel:**

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

Construction:

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

Environmental & Durability Factors

ML-C-675A	Durability:
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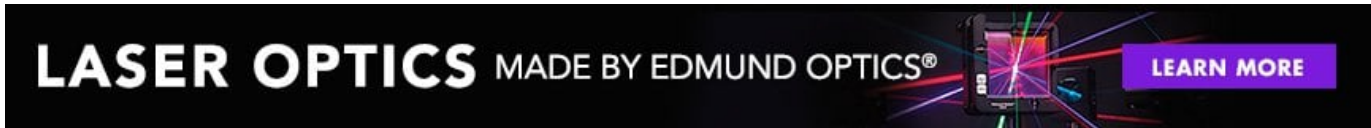
Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:

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