

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



Laser Line Non-Polarizing Plate Beamsplitters

Stock **#33-036** **3 In Stock**

£348⁰⁰

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Volume Pricing	
Qty 1-5	£348.00 each
Qty 6-25	£275.20 each
Need More?	Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Non-Polarizing Beamsplitter

Type:

Physical & Mechanical Properties

<0.25mm x45°

Bevel:

>90

Clear Aperture (%):

Plate	Construction:
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:
$R_{\text{ave}} < 0.75\%$ @ 1025 - 1095nm	Coating Specification:
<5	Polarization Separation (Rs-Rp) (%):
50/50	Reflection/Transmission Ratio (R/T):
50 ±5	Reflectivity (Rs% Rp%):
Fused Silica (Corning 7980)	Substrate: <input type="checkbox"/>
λ/8	Surface Flatness (P-V):
20-10	Surface Quality:
1025 - 1095	Wavelength Range (nm):
$>1 \text{ J/cm}^2$ @ 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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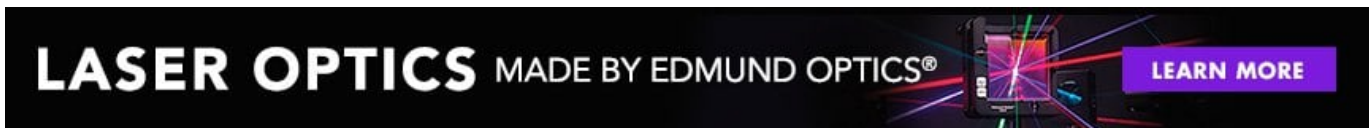
Regulatory Compliance

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