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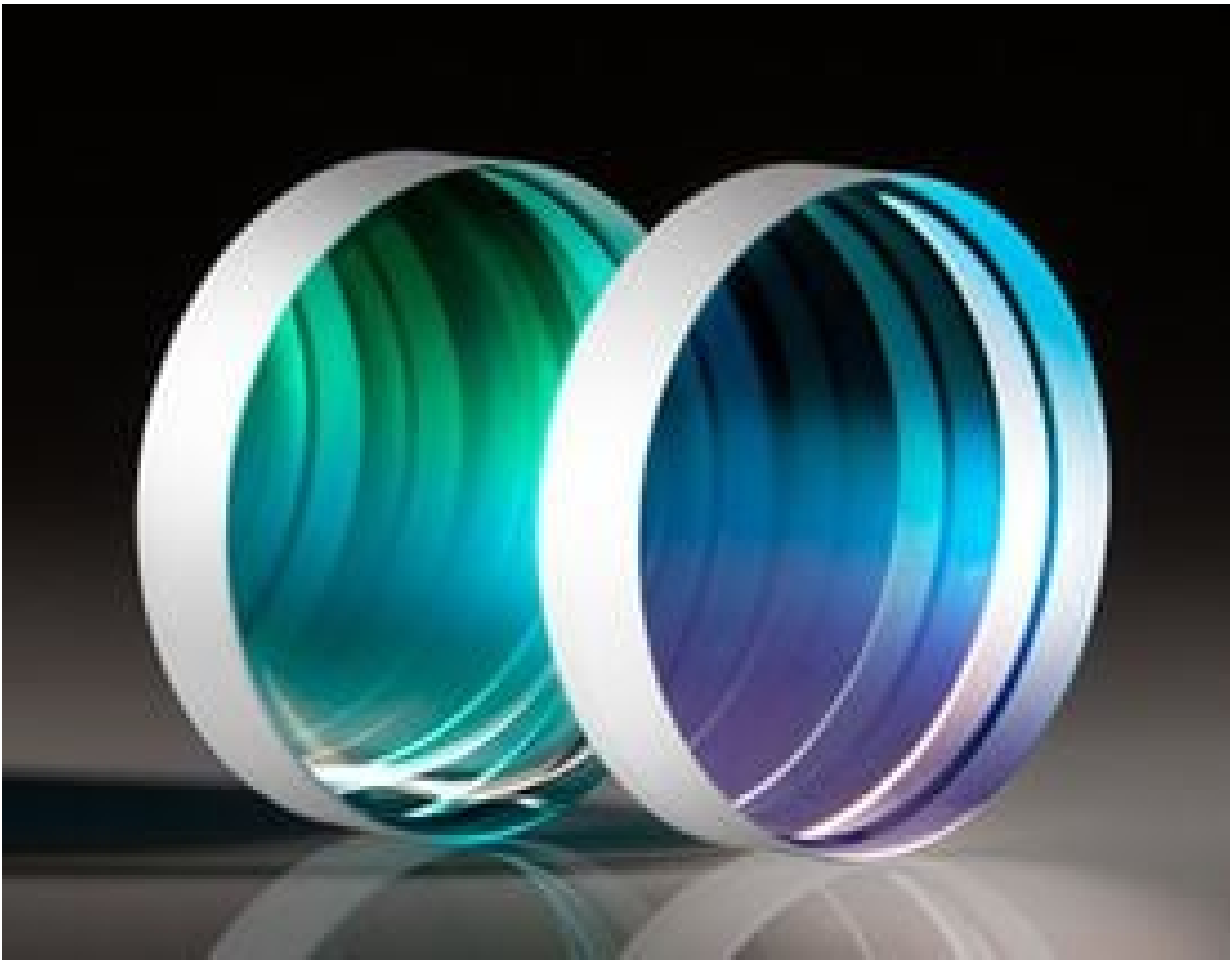
1025-1095nm 25.4mm Dia. Laser Non-Polarizing Beamsplitter



Laser Line Non-Polarizing Plate Beamsplitters

Stock **#33-036** **5 In Stock**

- 1 + **€435**.00

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Volume Pricing	
Qty 1-5	**€435,00** each
Qty 6-25	**€344,00** each
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Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Non-Polarizing Beamsplitter

Physical & Mechanical Properties

Bevel:

<0.25mm x 45°

Clear Aperture (%):

>90

Construction:
Plate

Diameter (mm):
25.40 +0.0/-0.1

Parallelism (arcmin):
<1

Thickness (mm):
5.00 ±0.1

Optical Properties

Angle of Incidence (°):
45

Coating:
Back Surface: AR Coating

Coating Specification:
R_{abs}<0.75% @ 1025 - 1095nm

Polarization Separation (Rs-Rp) (%):
<5

Reflection/Transmission Ratio (R/T):
50/50

Reflectivity (Rs%, Rp%):
50 ±5

Substrate:
Fused Silica (Corning 7980)

Surface Flatness (P-V):
λ/8

Surface Quality:
20-10

Wavelength Range (nm):
1025 - 1095

Damage Threshold, By Design:
>1 J/cm^2 @ 1064nm, 10ns

Transmitted Wavefront Distortion:
λ/8

Environmental & Durability Factors

Durability:
MIL-C-675A

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 247:
Compliant

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

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