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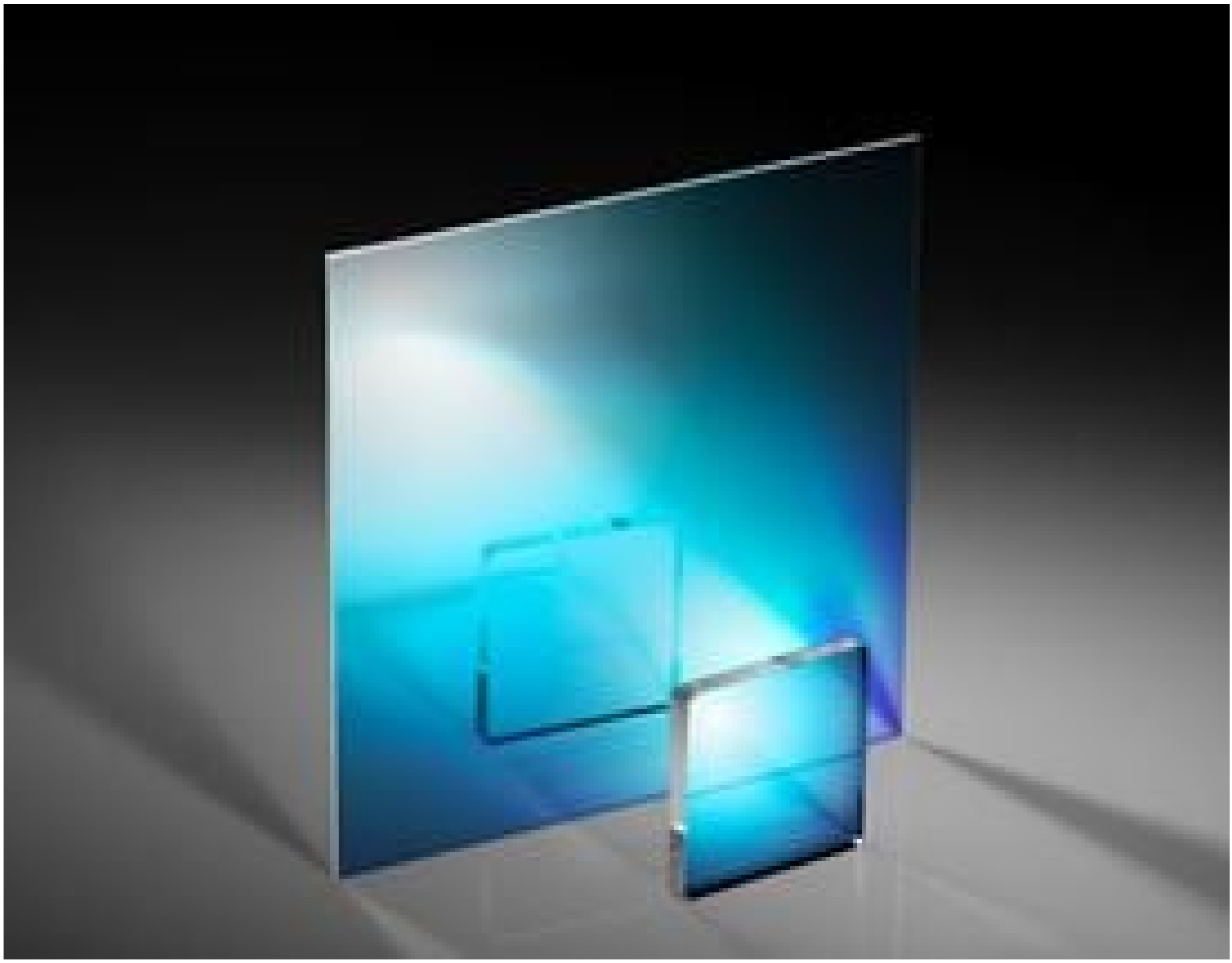
12.5 x 17.5mm, 40R/60T, Plate Beamsplitter



Stock **#46-605** **20+ In Stock**

- 1 + **A$87.20**

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Volume Pricing	
Qty 1-9	**A$87.20** each
Qty 10-24	**A$59.20** each
Qty 25-49	**A$57.20** each
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Product Downloads

General

Type:
Standard Beamsplitter

Physical & Mechanical Properties

Clear Aperture (%):
>85

Construction:
Plate

Dimensional Tolerance (mm):
±0.38

Dimensions (mm):
12.5 x 17.5

Edges:
Cut

Thickness (mm):
1.00

Optical Properties

Coating Specification:
Surface 1: Dielectric, ±5% R/T @ 550nm
Surface 2: AR ¼λ MgF_2 @ 550nm

Reflection/Transmission Ratio (R/T):
40/60

Substrate:
Float Glass

Surface Flatness (P-V):
4 - 6λ

Surface Quality:
80-50

Wavelength Range (nm):
400 - 700

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 247:
Compliant

Need different specs or modifications?

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

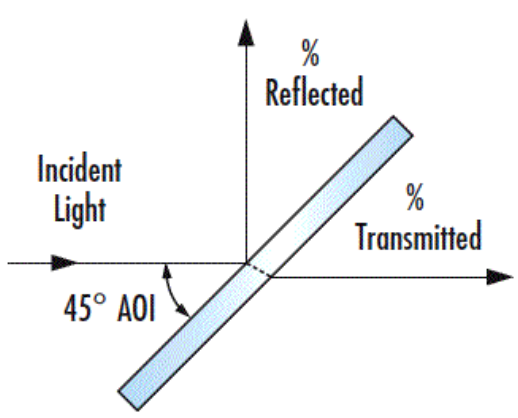
Learn more about our custom manufacturing capabilities or submit an inquiry here.

Product Details

- Low-Cost Design
- Multiple Sizes Available
- Many Beamsplitting Ratios Available

Plate Beamsplitters are available in multiple Reflect/Transmission ratios to meet a wide variety of application needs. These beamsplitters are also offered with an anti-reflection (AR) coating on the second surface to enhance each beamsplitter's overall efficiency. This second coating aides in preventing unwanted ghost reflections. Plate Beamsplitters are a cost-efficient option to integrate into multiple applications. For custom sizes or alternate reflection/transmission ratios, please contact our Sales Department.

Technical Information



Compatible Mounts

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