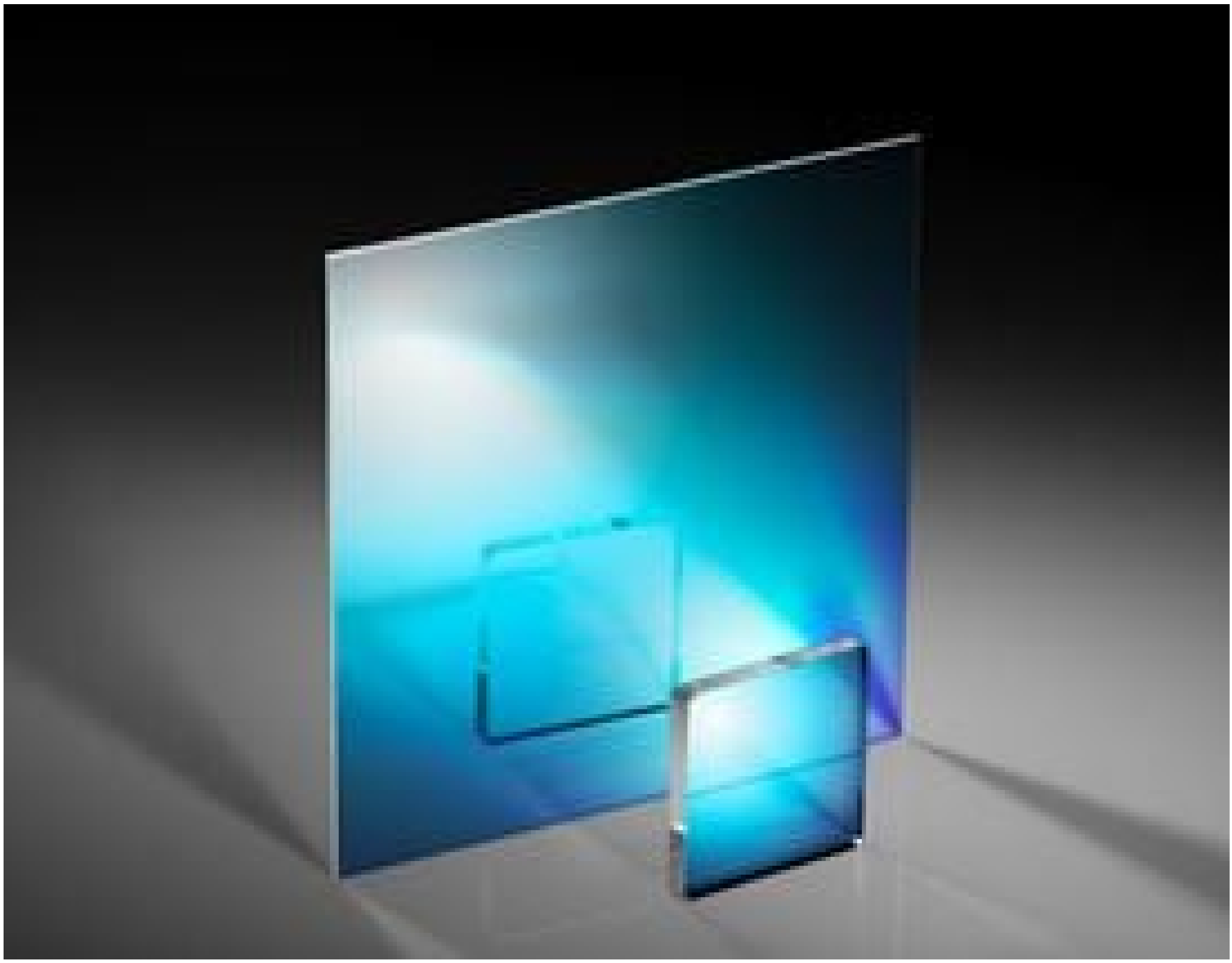
12.5 x 17.5mm, 30R/70T, Plate Beamsplitter



Stock **#45-315** **20+ In Stock**

- 1 + **A$87.20**

ADD TO CART

Volume Pricing	
Qty 1-9	**A$87.20** each
Qty 10-24	**A$59.20** each
Qty 25-49	**A$57.20** each
Need More?	Request Quote

Product Downloads

SPECIFICATIONS

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):
30/70

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

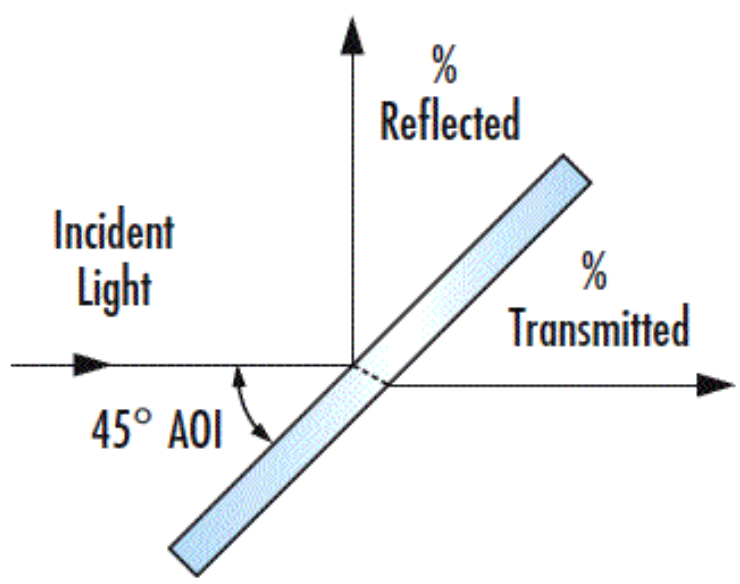
Reach 251:
Compliant

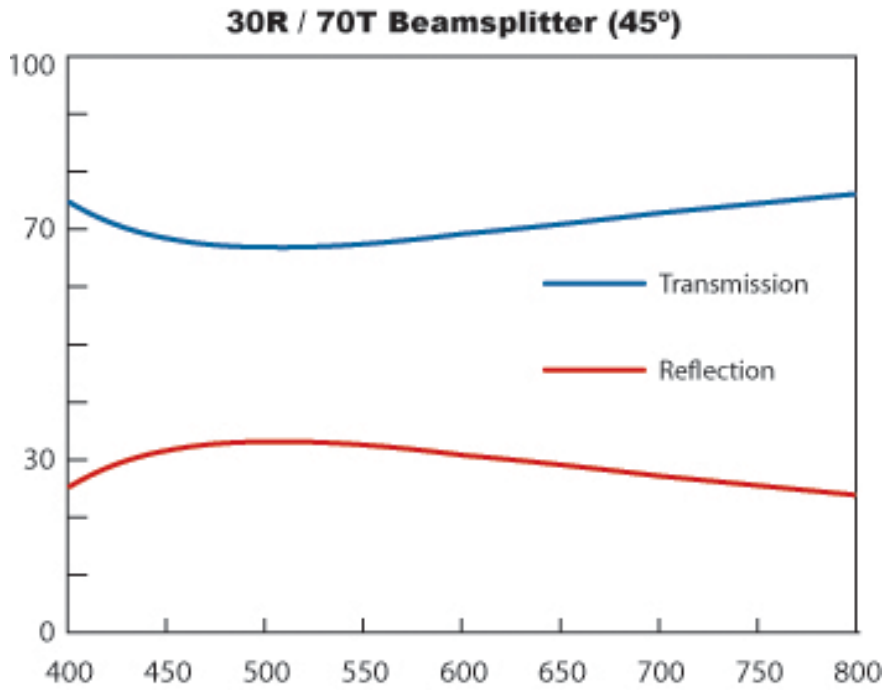
PRODUCT DETAILS

- 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





CUSTOM

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.**

COMPATIBLE MOUNTS