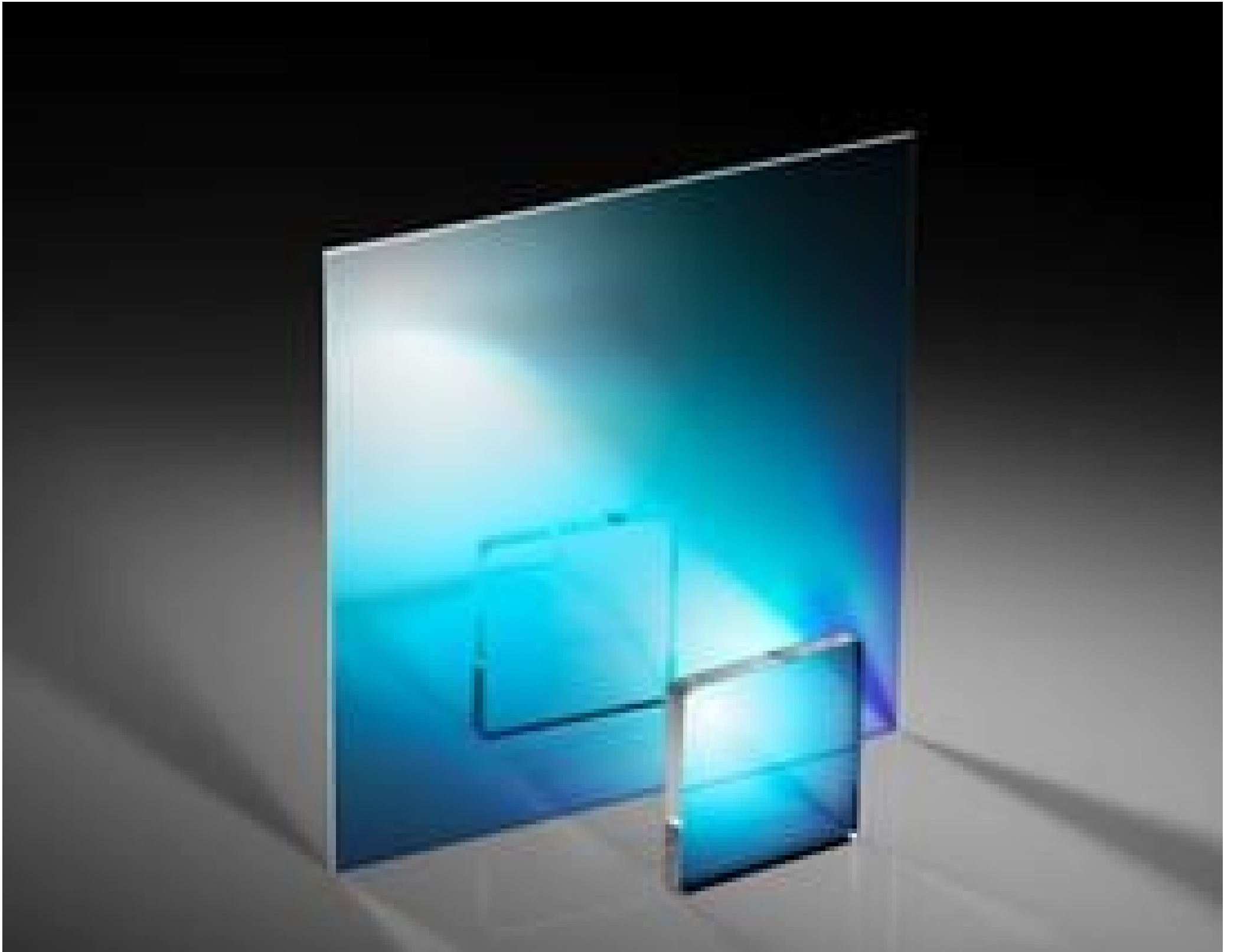


## 51 x 76mm, 70R/30T, Plate Beamsplitter



Stock **#46-677** **8 In Stock**

⊖ 1 ⊕ €88<sup>.07</sup>

ADD TO CART

Volume Pricing	
Qty 1-9	€88,07 each
Qty 10-24	€63,86 each
Qty 25-49	€61,80 each
Need More?	<a href="#">Request Quote</a>

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

### SPECIFICATIONS

#### General

Standard Beamsplitter      **Type:**

## Physical & Mechanical Properties

>85 **Clear Aperture (%):**

Plate **Construction:**

±0.38 **Dimensional Tolerance (mm):**

51.0 x 76.0 **Dimensions (mm):**

Cut **Edges:**

3.00 **Thickness (mm):**

## Optical Properties

**Coating Specification:**  
Surface 1: Dielectric, ±5% R/T @ 550nm  
Surface 2:  $\lambda/4$  MgF<sub>2</sub> @ 550nm

70/30 **Reflection/Transmission Ratio (R/T):**

Float Glass **Substrate:**

4 - 6λ **Surface Flatness (P-V):**

80-50 **Surface Quality:**

400 - 700 **Wavelength Range (nm):**

## Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

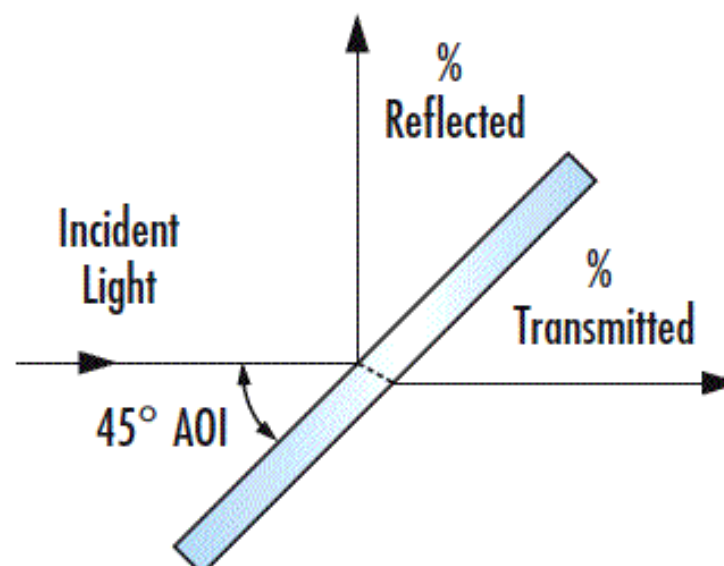
[Compliant](#) **Reach 247:**

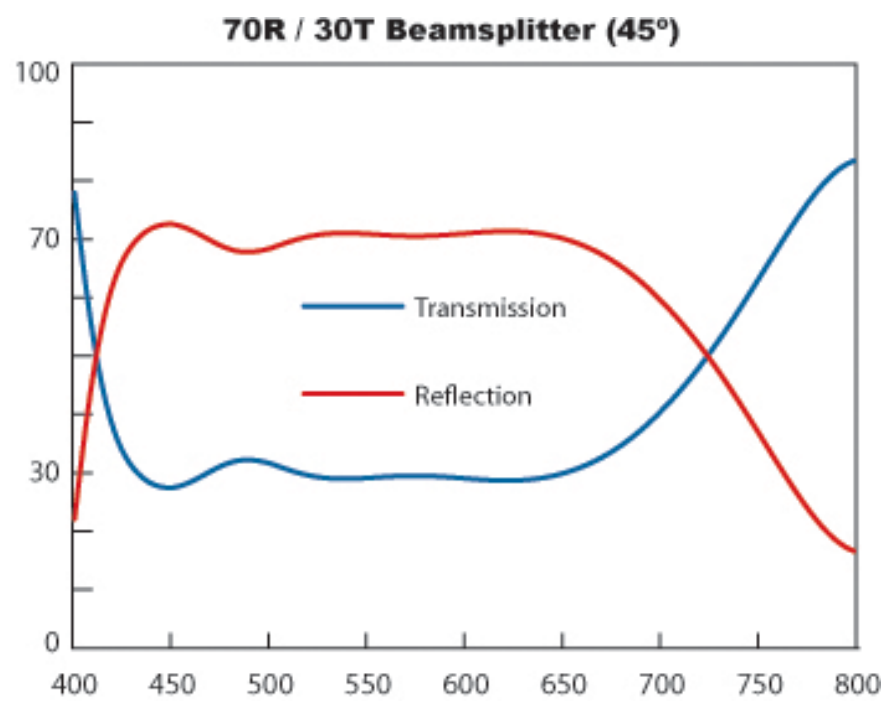
## PRODUCT DETAILS

- 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